

AGNICO EAGLE MINES LIMITED

UPPER BEAVER GOLD PROJECT KIRKLAND LAKE, ONTARIO NIGHTTIME LIGHT LEVEL BASELINE REPORT

AUGUST 2023





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NIGHTTIME LIGHT LEVEL BASELINE REPORT

AGNICO EAGLE MINES LIMITED

PROJECT NO.: OMEMA2008Z
AUGUST 2023

WSP E&I CANADA LIMITED
6925 CENTURY AVENUE, SUITE 200
MISSISSAUGA, ONTARIO, CANADA L5N 7K2 CANADA

T: +1 905-829-5400
WSP.COM

EXECUTIVE SUMMARY

Agnico Eagle Mines Limited (Agnico Eagle) is currently exploring the Upper Beaver Gold Project located near Kirkland Lake, Ontario.

This document is a supporting document to one of a series of natural environment baseline reports prepared by WSP E&I Canada Limited to describe the current (baseline) environmental conditions.

This report summarizes relevant data collected by Agnico Eagle field staff during the baseline light monitoring field programs conducted in 2021 and 2022 at the Upper Beaver Project. The baseline light monitoring program was conducted under clear skies to determine the best representation of baseline light levels. Where possible, monitoring times were selected to minimize the presence of ambient moonlight either on, or close to the night of a new moon.

Based on the 2021-2022 field readings, the ambient light levels were low (non-detect lux) with sky glow levels generally above (i.e., darker than) 21 mag/arc sec². The proposed project is in an area of very low industrial activity currently. Therefore, the ambient light environment in the project and surrounding area can, depending on season, be characterized as either a “dark” (E1) or “low district brightness” (E2) lighting environment.

Site infrastructure and equipment will be lit by luminaires that are not anticipated to produce a significant area of illumination. Agnico Eagle will also employ a lighting strategy that incorporates good lighting practices.

SIGNATURES

PREPARED BY:



Ryan Fletcher, P.Eng.
Air Quality Engineer

REVIEWED BY:



Caleb Vandenberg, P.Eng.
Air Quality Engineer



Linda Lattner, M.Eng., P.Eng.
Associate Air Quality Engineer



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1 INTRODUCTION

WSP E&I Canada Limited (WSP) is pleased to provide Agnico Eagle Mines Limited (Agnico Eagle) with this Nighttime Light Level Baseline Report for the Upper Beaver Gold project (the Project). The Upper Beaver Gold project is located in northeastern Ontario, approximately 15 kilometres (km) east of Kirkland Lake, Ontario, and 60 km west of Rouyn-Noranda, Québec (Appendix A, Figure A-1).

This report was prepared in support of the Impact Assessment Agency of Canada 2022 Tailored Impact Statement Guideline (EIS) for the development the Upper Beaver Gold Project. The objective of this report is to determine existing baseline nighttime light levels in the vicinity of the Project.

This report summarizes relevant data collected by Agnico Eagle personnel during the baseline monitoring field program conducted from September 2021 to September 2022.

2 SCOPE OF ASSESSMENT

A nighttime light level assessment was conducted for the Project. The objective of the assessment was to determine baseline nighttime light levels and compare them to applicable existing scales of sky quality.

2.1 PROJECT SETTING

The Project is situated in an area of low topographic relief, consistent with that of a typical Canadian Shield landscape. Commercial activities in the area include logging. There are several residential areas in the vicinity of the Project area including the communities of Dobie, Virginiatown, Larder Lake, and Kirkland Lake.

2.2 ENVIRONMENTAL LIGHT

The baseline nighttime light level assessment considered sky glow and light trespass.

Sky Glow

Sky glow includes all stray light escaping above the horizontal plane into the atmosphere. The effect is readily seen approaching urban areas from the dark countryside at night as a brightening of the natural sky background level. It arises from light being projected above a horizontal plane which is then refracted or scattered by air and water molecules and atmospheric aerosols. Sky glow from nearby communities was apparent on site and was measured with a sky quality meter and illuminance meter.

Light Trespass

Light Trespass (also called light spill) is the encroachment of unwanted light or illuminance on receptors outside the site boundaries that cause annoyance, loss of privacy, or nuisance effects. An example of light trespass would be exterior lighting or streetlights shining, unwanted, into a someone's place of residence. Trespass was measured with an illuminance meter.

Glare

Glare is the often-uncomfortable sensation caused by excessive brightness (e.g., certain oncoming vehicle headlights) and is often accompanied by a perceived "starring" or the light source. Glare was not be measured as there are no Project sources to assess.

Other Anthropogenic Sources

Further human-made effects include those:

- Related to glare, light clutter is a situation where the density and variety of light sources interfere with night vision (e.g., Las Vegas strip); and
- Artificial satellites, especially those in high density low-earth orbit constellations.

Natural Sources

Since the Project is in a relatively rural area, significant sources of light in the night sky are expected to include celestial bodies (e.g., moon, stars, planets, nebulae) and atmospheric effects such as:

- Airglow - triggered when molecules, photoionized by ultraviolet radiation from the sun, undergo a chain of daytime atmospheric reactions which upon nightfall may undergo further reactions resulting in chemiluminescence, a uniform glowing effect observable globally (EB, 2015).
- Aurora Borealis - occurring when charged solar particles bombard the atmosphere, transfer energy to the atmospheric gases, and force the emission of light resulting in a structured (as a result of magnetic pole influence) effect of glowing light observable in a band near the geomagnetic poles (EB, 2015).

2.3 AMBIENT LIGHT REFERENCE LEVELS

There are no regulatory criteria applicable for baseline nighttime light level assessments.

The unit of measure of sky glow is magnitudes per square arcsecond (mag/arcsec²) and is a measure of the brightness of the sky as perceived by the human eye. A difference of 1 magnitude is defined to be a factor of $100^{1/5}$ in received photons. Therefore, a sky brightness of 5.0 mag/arcsec² fainter corresponds to a reduction in photon arrival rate of a factor of 100 (Unihedron, 2022).

Illuminance (lux) is used as a secondary measure of sky glow.

Two classification systems are included in this report for reference including:

- The Bortle Scale, introduced in 2001, which created 9 qualitative Classes of sky darkness linked to detailed descriptions of what celestial details were visible with the naked eye or with certain equipment. Approximate ranges of sky quality meter measurements corresponding to each of the 9 Classes was based on a nomogram (Spoelstra, 2002)
- The International Commission on Illumination's (CIE) "Guide on the Limitation of the Effects of Obtrusive Light from Outdoor Lighting Installations" (2nd Edition), published in 2017 (the Guide). The Guide provides recommendations for maximum values of vertical, for the control of obtrusive light, to be applied near dwellings or potential dwellings pre and post-curfew. The maximum values are differentiated according to five environmental Zones (e.g., Zone E1 – Dark skies typical of relatively uninhabited rural areas). An E0 Zone was added to this scale in the 2017 Guide for areas with especially dark sky such as designated Dark Sky Preserves (e.g., Killarney Provincial Park).

Table 2.1 provides the Guide's maximum value for light trespass.

Table 2.2 provides reference levels of sky glow / measured nighttime light levels to corresponding scales and appearance of the sky. These values are meant to be representative, not definitive, and the conversion between units/scales is approximate. SQM refers to Sky Quality Meter readings.

Table 2.1: Maximum Value of Vertical Illuminance on Properties

Light Technical Parameter	Application Conditions	Environmental Zones				
Illuminance in the vertical plane	Pre-curfew	N/A	2 lux	5 lux	10 lux	25 lux
	Post-curfew	N/A	< 0.1 lux	1 lux	2 lux	5 lux

Note:

If the installation is for public (road) lighting, then this value may be up to 1 lux.

Table 2.2: Light Reference Levels

Bortle Class	CIE Class (Lighting Environment)	Approximate SQM (mag/arcsec²)	Illuminance in the Vertical Plane (lux)	Sky Description	Milky Way (MW)	Nighttime Scene
1	E0 (Intrinsically Dark)	>21.7	0	Excellent, truly dark skies, UNESCO Starlight Reserves	MW shows great detail and light from the Scorpio / Sagittarius region casts obvious shadows on the ground.	By convention, this is assumed to be the average brightness of a moonless night sky that is completely free of artificial light pollution, i.e., natural background. The Milky Way and abundant stars would be readily visible. The brightness of Jupiter and Venus is annoying to night vision. Ground objects are barely lit, and trees and hills are dark.
2	E1 (Dark)	21.5-21.7	0-1	Typical, truly dark skies	Summer MW shows great detail and has veined appearance.	Ground is mostly dark, but objects projecting into the sky are discernible.
3	E2 (Low District Brightness)	21.3-21.5	1-5	Rural sky	MW still appears complex, dark voids and bright patches and meandering outline are all visible.	Some light pollution evident along the horizon. Ground objects are vaguely apparent. Natural starlit night. Clear rural night sky with no moon.
4		20.4-21.3		Rural / suburban transition	Only well above the horizon does the MW reveal any structure. Fine details are lost.	Light pollution domes are obvious in several directions. Sky is noticeably brighter than the terrain. This is typical for a rural area with a medium-sized city not far away.
5	E3 (Medium District Brightness)	19.1-20.4	2-10	Well-inhabited rural and suburban sky	MW appears washed out overhead and is lost completely near the horizon.	Light pollution domes are obvious to casual observers. Ground objects are partly lit. This is typical for the outer suburbs of a major city.
6		18.0-19.1		Bright, suburban sky	MW only apparent overhead and appears broken as parts are lost to sky glow.	Sky from horizon to 35 degrees glows with grayish color. Ground is well lit. Typical for a suburb with widely spaced single-family homes; also characteristic of twilight where the sun has set but the brightest stars are visible.

Bortle Class	CIE Class (Lighting Environment)	Approximate SQM (mag/arcsec ²)	Illuminance in the Vertical Plane (lux)	Sky Description	Milky Way (MW)	Nighttime Scene
7	E4 (High District Brightness)			Suburban / urban transition	MW is totally invisible or nearly invisible	Entire sky background appears washed out, with a grayish or yellow color. Bright suburb or dark urban neighborhood. Also representative of the sky glow directly overhead at a rural site when the Moon is full. The Milky Way is invisible, or nearly so.
8		<18.0	5-25	City sky	Not visible at all	Entire sky background has an orange glow and it is bright enough to read at night.
9				Inner city sky	Not visible at all	Entire sky background has a bright glow, even at the zenith. Typical near the centre of a major city such as Toronto or Montreal.

Note:

Table adapted from multiple sources: (City of Toronto, 2017), (IDA, 2022), (Bortle, 2001), (CIE, 2017), (Ribas et al., 2017)

3 AMBIENT LIGHT MONITORING METHODOLOGY

A nighttime light level assessment program was established to determine existing, baseline light conditions at the Project. The monitoring program was conducted from September 2021 to September 2022.

3.1 MONITORING EQUIPMENT

Two devices were used to determine light levels at each location; the Unihedron Sky Quality Meter (Model SQM-LU-DL-V), and the Extech EA33 Easyview Light Meter.

Illuminance Photometer

The Extech EA33 is an electronic photometer which measures illuminance (i.e., the amount of visible light incident upon the surface of the instrument's sensor) in units of lux. One lux is equal to one lumen per square metre. The photometer has a resolution of 0.01 lux.

The sensor is pointed towards the proposed project on a vertical plane representing the wall of a dwelling for light trespass and towards the zenith to take a secondary measurement of sky glow. For sky glow, the sensor was pointed nominally toward the zenith when taking measurements with small variations in direction to ensure any detectable light in a 30-degree zenith cap would be measured.

Sky Quality Meter

The Unihedron Sky Quality Meter SQM-LU-DL-V measures the amount of light striking the sensor and converts this into units of magnitudes per square arc-second (mag/arc-sec^2). It measures sky brightness over a prescribed arc. The datalogging feature allows the sky brightness meter to combine vector data from a built-in altitude and azimuth sensor with sky brightness to generate a contour plot of sky brightness (as well as logging the individual readings that make up the plot). The sensor has a 40-degree cone of effective response.

Sky Quality Meter (SQM) measurements were taken as a measure of sky brightness at each measurement site. As luminance varies on even a very dark night, a number of measurements were recorded to create a sky-plot centred on the zenith (the point directly above the observer in the sky). SQM measurements were taken around the zenith at angles ranging from approximately 0 degrees to 90 degrees from the zenith.

3.2 MONITORING SITE NOTES (LOCATIONS)

The monitoring program for the Project used four light monitoring locations in the vicinity of the Project for the baseline investigation (Appendix A, Figure A-1). The monitoring locations were selected in such a way to encompass the proposed operating area while also permitting safe and consistent access to the field technicians. The following criteria were used for monitoring location selection:

- Must have safe vehicular access for technicians at night, and in all four seasons;
- The locations should be selected to encompass the proposed mining facilities for representative data; and
- Must be sited in such a way to minimize interference from local light sources (houses, existing facility lights not representative of original baseline conditions).

In order to achieve repeatability, the program was carried out under new moon conditions with clear sky wherever possible. Monitoring under differing conditions would be difficult to repeat when comparing post development ambient light to the baseline results.

A map depicting the Upper Beaver Mine Site and the four monitoring locations is provided in Appendix A, Figure A-2.

Table 3.1 provides the coordinates and descriptions of the monitoring locations.

The data collection timeframe was based on the review of the lunar cycle date and time (Time and Date, 2022). Data was preferentially collected with the Moon below the horizon and after the end of astronomical twilight in the evening and before the beginning of astronomical twilight in the morning. Additionally, meteorological conditions were taken into account. The Rouyn-Noranda and Earleton airports were used for confirming field conditions at the Project.

See Table 3.2 for a summary of light measurement dates.

Table 3.1: Light Monitoring Locations

ID	UTM Coordinates (Zone 17T)		Description
	Northing (m)	Easting (m)	
Light 1	591 627	5 335 773	400 m NNW of Upper Beaver Air Station
Light 2	591 887	5 335 491	Upper Beaver Air Station
Light 3	590 415	5 333 383	Clearing on the southeast side of Upper Beaver access road
Light 4 (summer and fall only)	592 324	5 335 636	Upper Beaver Boat Launch

Table 3.2: Light Sampling Summary

Measurement Start Time (Local Time)	Measurement End Time (Local Time)	Celestial Conditions	¹ Cloud Cover	Field Notes
2021-Sept-10 22:02	2021-Sept-10 23:21	Waxing crescent	5/8, becoming 2/8	No visible light sources. 50% cloud cover at first location, then clear.
2021-Oct-4 20:42	2021-Oct-4 21:51	New Moon	Clear	Clear skies
2021-Oct-28 20:31	2021-Oct-28 21:21	Last Quarter	1/8	Clear skies
2022-Jan-25 19:08	2022-Jan-25 19:59	Last Quarter	Clear	Illuminated drill rig visible near Light 1.
2022-Feb-23 19:43	2022-Feb-23 20:16	Last Quarter	2/8	Sparse clouds, clearing. Glow from communities of Dobie, Kirkland Lake, and Larder Lake were more apparent; particularly at Light 1.
2022-Mar-3 20:00	2022-Mar-3 20:34	Waxing crescent	Clear	Clear skies
2022-Apr-27 22:59	2022-Apr-27 23:47	Waning crescent	Clear	No visible light sources
2022-May-24 11:58	2022-May-25 00:49	Waning crescent	Clear	Clear skies, no visible light sources.
2022-June-28 01:00	2022-June-28 01:49	New Moon	² Clear	Clear skies
2022-July-26 00:56	2022-July-26 01:46	Waning crescent	7/8	Became cloudy soon after beginning measurements
2022-Sep-23 21:04	2022-Sep-23 21:48	Waning crescent	Clear	Clear skies, no visible light sources
2022-Sep-29 20:42	2022-Sep-29 21:28	Waxing crescent	Clear	Clear skies, no visible light sources

Notes:

¹ Cloud cover obtained from Rouyn-Noranda (CYUY) airport unless otherwise noted (Ogimet, 2022).

² Cloud cover obtained from Earlton (CYXR) airport (Ogimet, 2022).

4 BASELINE AMBIENT LIGHT CONDITIONS

4.1 DATA ANALYSIS

Nighttime light level measurements were taken from September 2021 to September 2022 at four (4) locations around the Project.

Tree cover was mixed with some weighting towards coniferous trees, although many deciduous trees such as birch and poplar exist in the area. Some minor influence may be expected from foliage related light absorption usually associated with deciduous trees and the seasonal variation caused by the increase and decrease of leaves (Flanders, 2008).

Prior to data processing outliers were removed. Outliers can be caused by meter error, and residual light from the sampling team (e.g., flashlights/vehicles). Measurements were averaged into bands by zenith angle as well as a 0-30 degree dome average to represent the average zenith sky brightness. Prior to averaging, the antilogarithm of the measurements was taken to be averaged arithmetically, then converted back to mag/arcsec². The lower the band the more caution should be taken when using for comparative purposes since artificial sky glow brightening (i.e., light on the horizon) or darkening (i.e., tree shrouding) will be more pronounced near the horizon.

Illuminance measurements were <0.01 lux at all locations.

Table 4.1 summarizes the sky glow measurements at each location.

Sky brightness plots are provided in Figures 4.1 to 4.4 for each sampling location; the plots are aggregates of all sampling events. What these plots indicate is that there was no predominant sky glow from any adjacent source (e.g., Kirkland Lake) that is registered by the SQM. If there were a consistent and significant source of brightness on the horizon this would show up visually on the plots as a colour change in the compass direction of the source.

4.2 SUMMARY OF BASELINE CONDITIONS

Baseline sky brightness (dependent on meteorological and celestial conditions) for each location is presented in Table 4.2. Table 4.3 shows the seasonal variation measured, which may be attributed to snow cover, light absorption related to foliage, among other things.

Based on the 2021 and 2022 field readings, the ambient light levels were low (<0.01 lux). Across the entire project, sky brightness on clear, dark sky nights averaged 21.36 mag/arcsec². Depending on season, the sky brightness can be characterized as either a “dark” (E1) or a “low district brightness” (E2) lighting environment. The Project is in an area that currently has very low industrial activity and population density.

Table 4.1: Sky Brightness Measurements

ID	0-15° Zenith Angle Dome Band (mag/arcsec ²)	15°-30° Zenith Angle Dome Band (mag/arcsec ²)	30°-45° Zenith Angle Dome Band (mag/arcsec ²)	0-30° Zenith Average (mag/arcsec ²)	Zenith (lux)
Light 1	21.35	21.28	21.28	21.32	<0.01
Light 2	21.42	21.38	21.35	21.40	<0.01
Light 3	21.41	21.38	21.31	21.39	<0.01
Light 4	21.45	21.43	21.37	21.44	<0.01

Table 4.2: Baseline Sky Brightness

ID	Brightness (mag/arcsec ²)	CIE Lighting Zone (Lighting Environment) ¹
Light 1	21.3	E2 (low district brightness)
Light 2	21.4	E2 (low district brightness)
Light 3	21.4	E2 (low district brightness)
Light 4	21.5	E1 (dark)

Note:

¹ Ref. CIE 2017 E0 Intrinsically Dark Classification is characteristic of wilderness or park sites.

Table 4.3: Baseline Sky Brightness - Seasonal

Season ¹	Brightness (mag/arcsec ²)	CIE Lighting Zone (Lighting Environment) ¹
Winter (December, January, February, March)	21.0	E2 (low district brightness)
Spring (April, May)	21.4	E2 (low district brightness)
Summer (June, July, August)	21.7	E1 (dark)
Fall (September, October, November)	21.4	E2 (low district brightness)

Note:

¹ Meteorological seasons were used with the exception of March which was included in winter because of heavy snow cover.

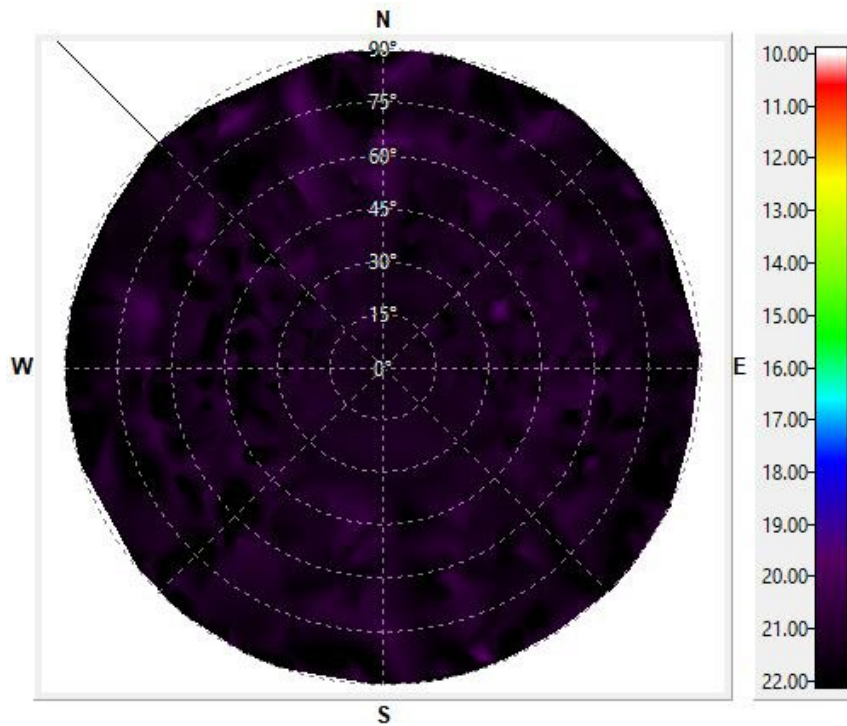


Figure 4.1: Light 1 Sky Brightness Plot, Comprised of 12 Sampling Events (mag/arcsec²)

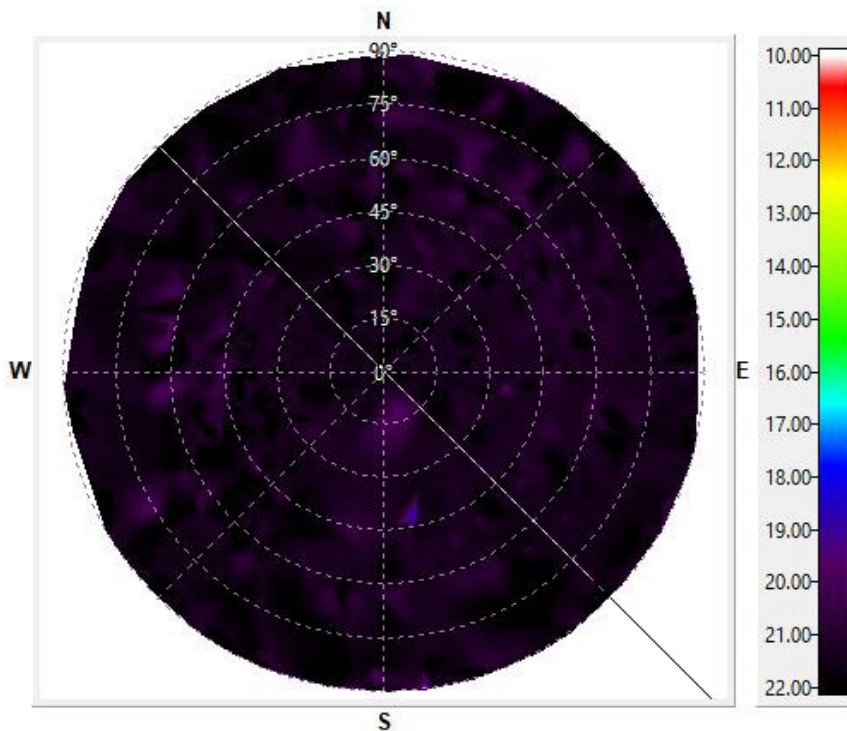


Figure 4.2: Light 2 Sky Brightness Plot, Comprised of 12 Sampling Events (mag/arcsec²)

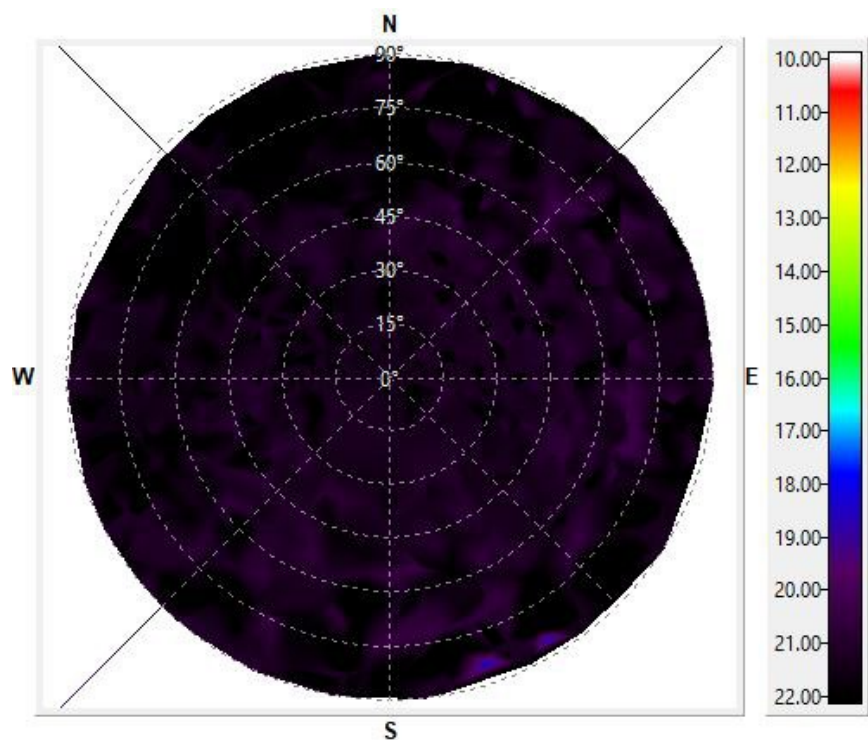


Figure 4.3: Light 3 Sky Brightness Plot, Comprised of 12 Sampling Events (mag/arcsec²)

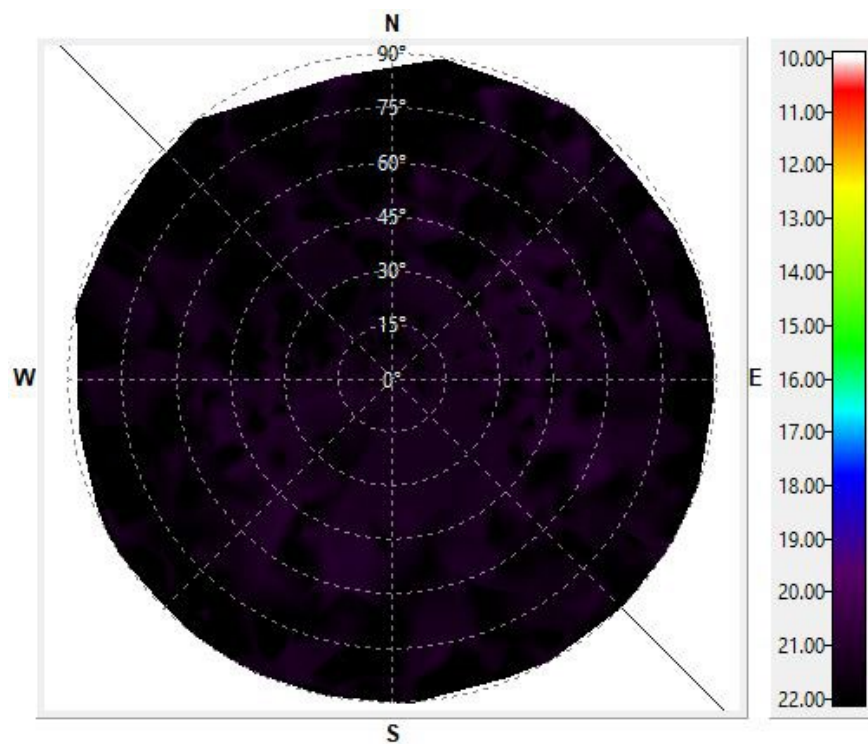


Figure 4.4: Light 4 Sky Brightness Plot, Comprised of 8 Sampling Events (mag/arcsec²)

5 REFERENCES

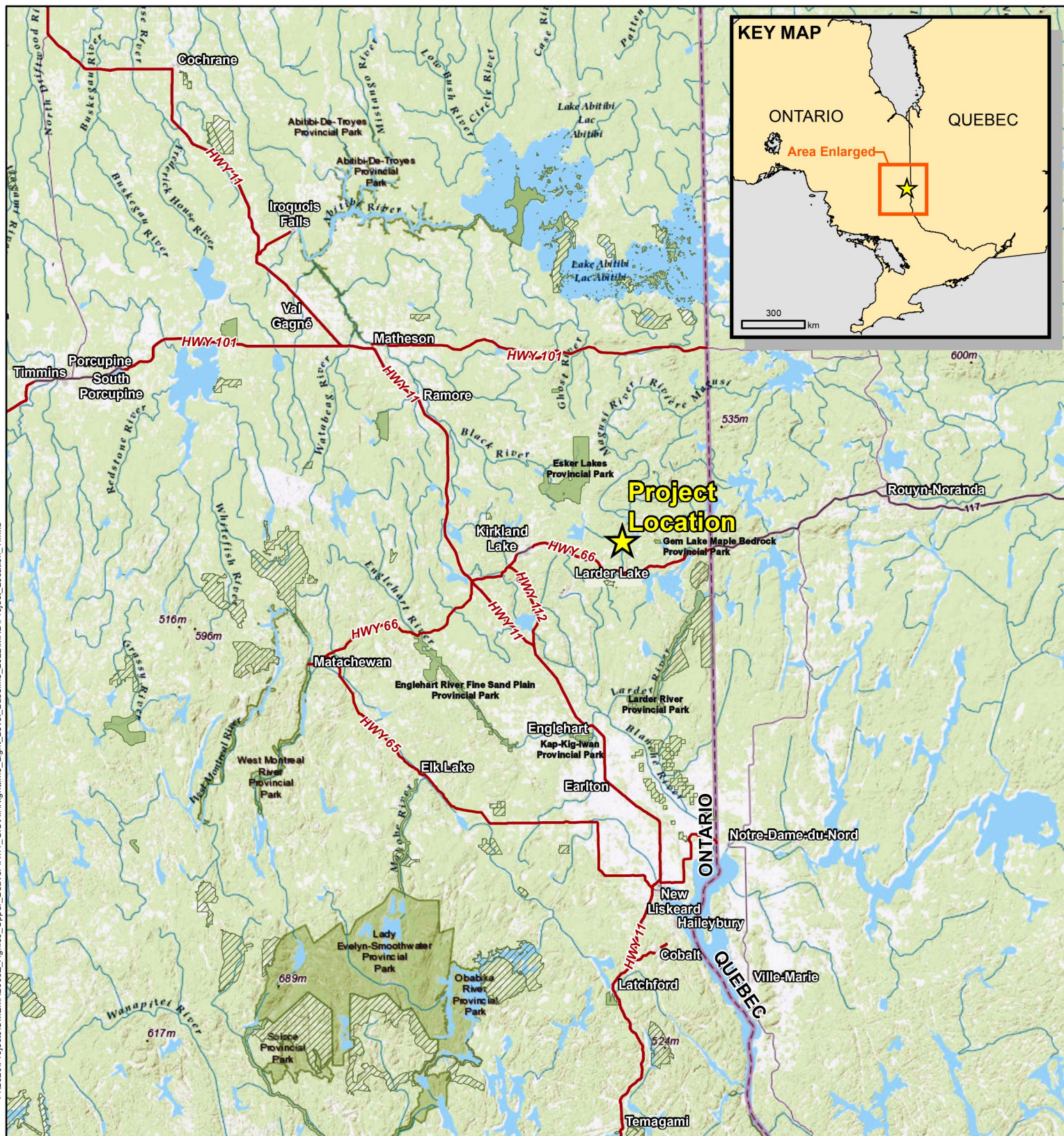
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Appendix A

Figures



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LEGEND

-  Project Location
-  Regional Highways
-  Conservation Reserve
-  Provincial Park

NOTES:

- Background topographic map information extracted from ESRI Base Map Services
- Additional park information, conservation reserve and highway information extracted from Land Information Ontario (NDMNR), Queen's Printer for Ontario, 2020/2021

Datum: NAD83
Projection: UTM Zone 17N



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UPPER BEAVER PROJECT



UPPER BEAVER GOLD PROJECT

Project Location

PROJECT N°: OMEMA2008

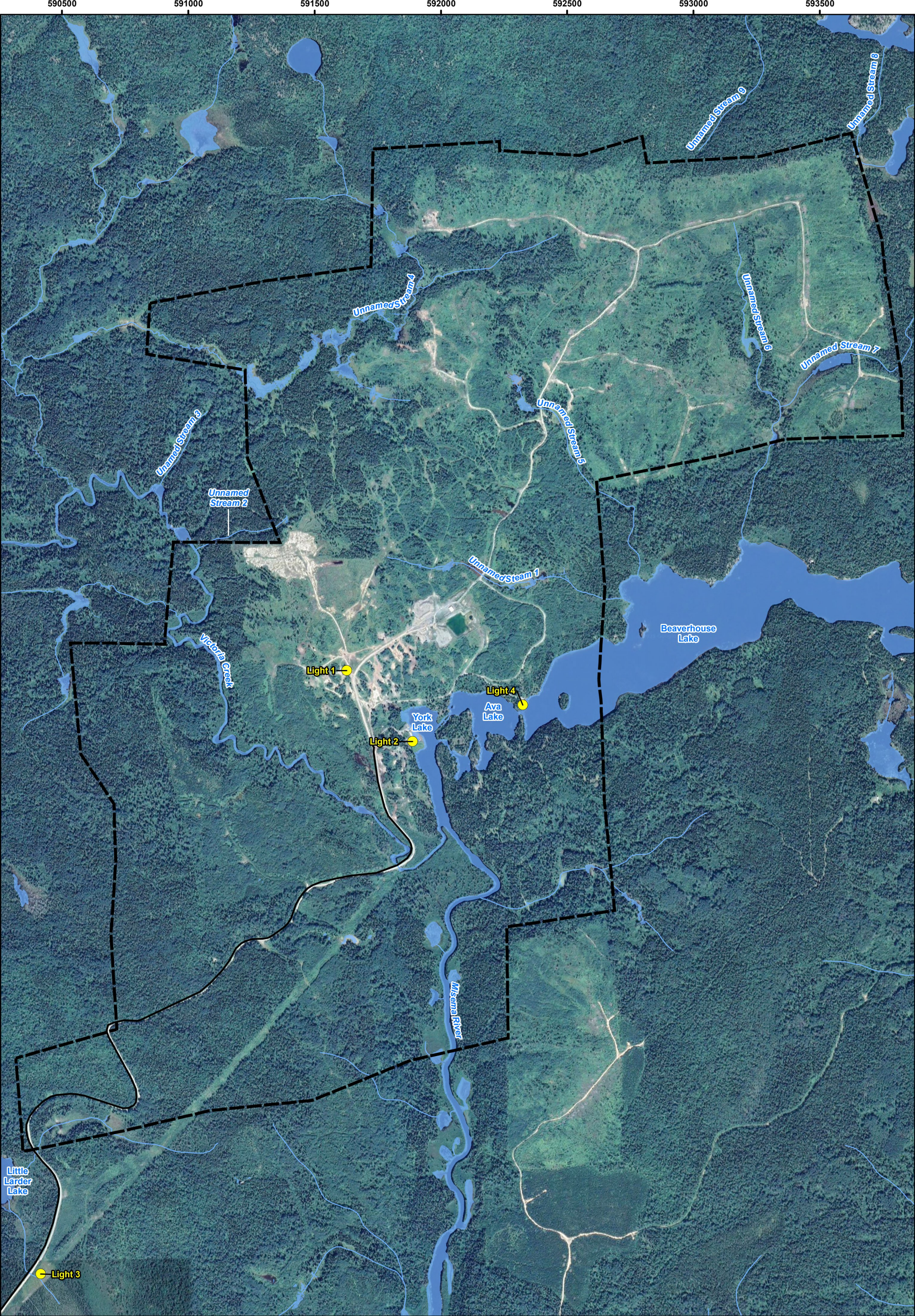
FIGURE: A-1

SCALE: 1:1,100,000

DATE: January 2023

0 5 10 20 30 40 50
Kilometres

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LEGEND

- Nighttime Light Level Monitoring Locations*
- Preliminary Project Boundary
- Local Road
- Watercourse
- Waterbody

*Light 4 monitored in summer and fall only

NOTES:
- Waterbodies and watercourse extracted from LIO, MNRF and modified to match site plan layout provided by Agnico Eagle; to be field confirmed.
- Aerial imagery extracted from Google Earth Pro, 2019.
- Preliminary project boundary based on land tenure provided by Agnico Eagle, December 2018/ November 2021.

Datum: NAD83
Projection: UTM Zone 17N



UPPER BEAVER GOLD PROJECT

Nighttime Light Level Monitoring Locations

PROJECT N^o: OMEMA2008

FIGURE: A-2

SCALE: 1:14,000

DATE: January 2023



Appendix B

Field Data



ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light1	2021-09-10 22:41	11.6	5.03	21.44	4810	804	16580	-491	-485	-3113	15	75.0	348	493	
Light1	2021-09-10 22:41	11.6	5.01	21.44	4808	-103	16399	-420	-315	-3122	15.2	74.8	348	437	
Light1	2021-09-10 22:41	11.6	5.01	21.61	4549	12	16432	-367	63	-3141	14.3	75.7	14	286	
Light1	2021-09-10 22:41	11.6	5.03	21.65	4727	-518	16308	-304	79	-3139	15	75.0	7	492	
Light1	2021-09-10 22:41	11.9	5.03	21.69	4335	-699	17146	-364	431	-3107	13.2	76.8	28	308	
Light1	2021-09-10 22:41	11.9	5.03	21.68	4404	-780	16501	-402	613	-3069	13.8	76.2	37	538	
Light1	2021-09-10 22:41	11.9	5.03	21.69	4151	504	16663	-576	752	-3024	12.8	77.2	60	327	
Light1	2021-09-10 22:41	11.9	5.01	21.73	3948	-1097	17038	-713	906	-2967	11.9	78.1	63	358	
Light1	2021-09-10 22:42	11.9	5.03	21.7	3474	-123	16557	-889	903	-2934	10.7	79.3	80	362	
Light1	2021-09-10 22:42	11.9	5.03	21.7	3016	350	17333	-1079	867	-2896	8.9	81.1	95	589	
Light1	2021-09-10 22:42	11.6	5.03	21.7	2831	472	16770	-1028	885	-2903	8.4	81.6	94	261	
Light1	2021-09-10 22:42	11.6	5.03	21.7	2791	-319	17160	-1124	889	-2875	8.2	81.8	101	448	
Light1	2021-09-10 22:42	11.6	5.03	22.24	2874	-324	17122	-1226	894	-2849	8.4	81.6	105	438	
Light1	2021-09-10 22:42	11.6	5.03	22.24	2673	360	16459	-1305	814	-2846	8	82.0	109	264	
Light1	2021-09-10 22:42	11.9	5.03	22.24	2612	67	17221	-1454	729	-2819	7.6	82.4	121	555	
Light1	2021-09-10 22:42	11.6	5.03	22.58	1787	-565	17148	-1526	688	-2802	4.8	85.2	136	494	
Light1	2021-09-10 22:42	11.6	5.03	22.58	1782	-385	17316	-1675	383	-2818	4.8	85.2	153	342	
Light1	2021-09-10 22:42	11.6	5.03	22.62	2078	-49	16867	-1675	378	-2817	5.8	84.2	148	543	
Light1	2021-09-10 22:42	11.6	5.03	22.62	1632	-291	16974	-1740	166	-2827	4.3	85.7	165	565	
Light1	2021-09-10 22:42	11.6	5.03	22.62	1634	-779	17063	-1769	-203	-2838	4.3	85.7	191	425	
Light1	2021-09-10 22:42	11.6	5.03	22.44	1369	-119	16980	-1707	-522	-2846	3.4	86.6	201	438	
Light1	2021-09-10 22:42	11.9	5.03	22.44	1619	312	16833	-1597	-945	-2827	4.3	85.7	221	293	
Light1	2021-09-10 22:42	11.9	5.01	22.44	1422	799	16818	-1397	-1143	-2837	3.6	86.4	229	315	
Light1	2021-09-10 22:42	11.9	5.03	22.44	1202	305	17053	-1363	-1141	-2852	2.8	87.2	232	589	
Light1	2021-09-10 22:42	11.6	5.03	22.44	856	92	17075	-842	-1155	-2933	1.7	88.3	253	423	
Light1	2021-09-10 22:43	11.9	5.03	23.57	679	-304	16811	-810	-1127	-2944	1.1	88.9	254	508	
Light1	2021-09-10 22:43	11.9	5.03	23.57	720	-786	17116	-778	-1150	-2947	1.2	88.8	257	359	
Light1	2021-09-10 22:43	11.6	5.03	23.57	403	125	17410	-536	-1157	-2944	0.1	89.9	264	405	
Light1	2021-09-10 22:43	11.6	5.03	23.57	553	163	16902	-237	-1118	-2951	0.7	89.3	283	250	
Light1	2021-09-10 22:43	11.6	5.03	23.57	109	173	17051	78	-961	-2952	-0.9	90.9	299	499	
Light1	2021-09-10 22:43	11.6	5.03	23.57	681	430	17093	241	-725	-2988	1.1	88.9	326	250	
Light1	2021-09-10 22:43	11.6	5.03	23.57	612	208	16988	275	-704	-2986	0.8	89.2	325	351	
Light1	2021-09-10 22:43	11.6	5.01	23.57	388	788	17462	433	-460	-3000	0.1	89.9	350	539	
Light1	2021-09-10 22:43	11.6	5.03	23.31	5244	68	16030	-477	-290	-3116	17	73.0	353	503	
Light1	2021-09-10 22:43	11.6	5.03	21.58	5757	706	16310	-572	-154	-3138	18.3	71.7	9	529	
Light1	2021-09-10 22:43	11.6	5.01	21.58	5668	160	17006	-605	-155	-3133	17.4	72.6	2	442	
Light1	2021-09-10 22:43	11.6	5.03	21.52	6118	901	15991	-727	38	-3119	19.8	70.2	25	593	
Light1	2021-09-10 22:43	11.6	5.03	21.52	6005	1371	15864	-792	47	-3113	19.5	70.5	33	450	
Light1	2021-09-10 22:43	11.6	5.01	21.49	6039	1221	16145	-850	191	-3083	19.3	70.7	41	444	
Light1	2021-09-10 22:43	11.6	5.03	21.49	5612	1194	16540	-966	370	-3053	17.5	72.5	58	563	
Light1	2021-09-10 22:43	11.6	5.01	21.42	5726	914	16190	-1027	385	-3031	18.3	71.7	58	406	
Light1	2021-09-10 22:43	11.6	5.01	21.42	5961	1693	16119	-1243	453	-2969	19	71.0	72	423	
Light1	2021-09-10 22:43	11.6	5.03	21.42	5786	2071	16553	-1239	476	-2961	17.9	72.1	77	328	
Light1	2021-09-10 22:43	11.6	5.03	21.44	6076	1583	15924	-1478	536	-2867	19.6	70.4	83	529	
Light1	2021-09-10 22:44	11.6	5.01	21.5	7343	1087	15182	-1793	666	-2694	24.7	65.3	84	516	
Light1	2021-09-10 22:44	11.2	5.03	21.54	6531	866	16237	-2025	482	-2617	20.7	69.3	112	506	
Light1	2021-09-10 22:44	11.2	5.01	21.54	6815	1427	15589	-2253	493	-2471	22.4	67.6	115	599	
Light1	2021-09-10 22:44	11.2	5.03	21.5	7060	825	15161	-2492	238	-2361	23.9	66.1	136	550	
Light1	2021-09-10 22:44	11.6	5.01	21.5	6707	1723	15466	-2640	-79	-2287	22.2	67.8	153	475	
Light1	2021-09-10 22:44	11.6	5.01	21.44	6349	2248	16225	-2752	-424	-2211	20	70.0	173	534	
Light1	2021-09-10 22:44	11.6	5.01	21.36	6362	1091	15512	-2698	-649	-2242	21.1	68.9	199	496	
Light1	2021-09-10 22:44	11.6	5.03	21.36	6009	777	16237	-2700	-726	-2245	19.1	70.9	205	558	
Light1	2021-09-10 22:44	11.6	5.01	21.36	6306	717	15981	-2594	-982	-2275	20.4	69.6	221	333	
Light1	2021-09-10 22:44	11.6	5.03	21.36	5985	628	16766	-2327	-1180	-2412	18.5	71.5	233	553	
Light1	2021-09-10 22:44	11.6	5.01	22.3	5870	324	16389	-2118	-1315	-2488	18.6	71.4	246	551	
Light1	2021-09-10 22:44	11.6	5.03	21.92	6309	648	15240	-1820	-1319	-2637	21.4	68.6	266	584	
Light1	2021-09-10 22:44	11.6	5.01	21.92	6025	-51	16252	-1691	-1349	-2677	19.2	70.8	266	471	
Light1	2021-09-10 22:44	11.2	5.03	21.28	6300	546	15679	-1281	-1091	-2884	20.8	69.2	296	540	
Light1	2021-09-10 22:44	11.2	5.03	21.28	6280	461	16239	-1058	-998	-2957	20	70.0	306	522	
Light1	2021-09-10 22:45	11.2	5.03	21.84	6306	159	16582	-947	-775	-3033	19.7	70.3	317	502	
Light1	2021-09-10 22:45	11.2	5.01	21.84	6793	468	15842	-900	-702	-3048	22.1	67.9	331	537	
Light1	2021-09-10 22:45	11.2	5.01	21.51	10055	225	14218	-1669	-369	-2874	34.3	55.7	349	282	
Light1	2021-09-10 22:45	11.2	5.03	21.51	10051	1270	14330	-1718	-171	-2863	34	56.0	21	368	
Light1	2021-09-10 22:45	11.2	5.03	21.51	10228	684	13873	-1771	-204	-2842	35.5	54.5	9	314	
Light1	2021-09-10 22:45	11.2	5.01	21.51	10437	1573	14062	-1843	26	-2796	35.5	54.5	39	545	
Light1	2021-09-10 22:45	11.2	5.01	21.51	10364	1454	13620	-1865	22	-2796	36.2	53.8	37	527	
Light1	2021-09-10 22:45	11.2	5.03	21.48	10733	1554	13839	-1982	119	-2724	36.7	53.3	47	523	
Light1	2021-09-10 22:45	11.2	5.03	21.35	10953	1118	12743	-2184	394	-2548	39.8	50.2	58	303	
Light1	2021-09-10 22:45	11.2	5.03	21.35	11164	1004	13333	-2350	460	-2418	39	51.0	70	482	
Light1	2021-09-10 22:45	11.2	5.03	21.36	10907	1329	13711	-2501	517	-2277	37.5	52.5	86	532	
Light1	2021-09-10 22:45	11.2	5.03	21.36	11180	1434	13077	-2707	545	-2080	39.5	50.5	92	508	
Light1	2021-09-10 22:45	11.2	5.03	21.37	11043	764	13329	-2911	493	-1886	38.8	51.2	108	539	
Light1	2021-09-10 22:45	11.2	5.03	21.36	10575	-176	13548	-3076	560	-1668	37.2	52.8	123	552	
Light1	2021-09-10 22:45	11.2	5.01	21.36	10597	-182	14500	-3118	523	-1623	35.2	54.8	130	529	
Light1	2021-09-10 22:45	11.2	5.03	21.36	10814	-270	13644	-3230	288	-1566	37.6	52.4	144	406	
Light1	2021-09-10 22:45	11.2	5.03	21.27	10917	-348	13630	-3323	172	-1470	37.9	52.1	155	433	
Light1	2021-09-10 22:46	11.2	5.03	21.15	11010	-1012	13401	-3420	-107	-1409	38.6	51.4	189	440	
Light1	2021-09-10 22:46	10.9	5.03	21.33	10435	-352	14040	-32761	4520	378	35.7	54.3	91	578	
Light1	2021-09-10 22:46	10.9	5.03	21.33	10741	-948	13877	-3254	-894	-1648	36.8	53.2	240	456	
Light1	2021-09-10 22:46	10.9	5.01	21.38	10517	201	13890	-3024	-1186	-1839	36.3	53.7	249	462	
Light1	2021-09-10 22:46	10.9	5.01	21.47	9777	217	14172	-2520	-1243	-2274	33.7	56.3	266	563	
Light1	2021-09-10 22:46	10.9	5.03	21.21	9689	-318	14031	-2491	-1211	-2296	33.7				

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az								
Light1	2021-09-10 22:46	10.9	5.03	21.53	12898	2515	11295	-2492	-295	-2427	47.4	42.6	41	585	
Light1	2021-09-10 22:46	10.9	5.03	21.51	13449	2465	10815	-2604	-79	-2332	49.9	40.1	51	381	
Light1	2021-09-10 22:47	10.9	5.03	21.51	12902	1654	10727	-2629	-104	-2310	49.4	40.6	43	434	
Light1	2021-09-10 22:47	10.9	5.03	21.51	13438	2149	10816	-2739	197	-2160	50.1	39.9	65	472	
Light1	2021-09-10 22:47	10.9	5.03	21.37	13500	1644	10823	-3036	389	-1789	50.4	39.6	84	550	
Light1	2021-09-10 22:47	10.9	5.03	21.37	13785	1204	10171	-3083	454	-1704	53	37.0	81	499	
Light1	2021-09-10 22:47	10.9	5.03	21.42	14411	912	9784	-3306	568	-1329	55.4	34.6	90	559	
Light1	2021-09-10 22:47	10.9	5.03	21.44	14066	865	9886	-3531	504	-908	54.5	35.5	104	527	
Light1	2021-09-10 22:47	10.9	5.03	21.44	14424	-23	8605	-3720	452	-429	59.2	30.8	108	446	
Light1	2021-09-10 22:47	10.6	5.03	21.4	14535	294	8609	-3902	-24	-152	59.3	30.7	145	401	
Light1	2021-09-10 22:47	10.6	5.03	21.36	15293	658	8643	-3987	-573	21	60.4	29.6	244	560	
Light1	2021-09-10 22:47	10.6	5.03	21.3	15070	901	8247	-3891	-1190	-226	61.2	28.8	263	348	
Light1	2021-09-10 22:47	10.6	5.01	21.19	14806	1013	8091	-3777	-1420	-433	61.2	28.8	267	379	
Light1	2021-09-10 22:47	10.6	5.01	21.19	15110	381	8224	-3772	-1450	-429	61.5	28.5	268	557	
Light1	2021-09-10 22:48	10.6	5.03	21.27	15396	977	7253	-3678	-1487	-675	64.7	25.3	275	524	
Light1	2021-09-10 22:48	10.6	5.01	21.27	15544	-579	6998	-3678	-1480	-668	66	24.0	274	421	
Light1	2021-09-10 22:48	10.6	5.01	21.27	15681	1073	6150	-3558	-1365	-1001	68.6	21.4	290	512	
Light1	2021-09-10 22:48	10.6	5.03	21.5	15323	1326	7551	-3259	-871	-1635	63.5	26.5	327	338	
Light1	2021-09-10 22:48	10.6	5.03	21.5	15377	1274	6971	-3279	-859	-1625	65.4	24.6	332	521	
Light1	2021-09-10 22:48	10.6	5.03	21.5	16068	-133	1658	-3812	-421	-645	85.5	4.5	312	474	
Light1	2021-09-10 22:48	10.6	5.03	21.33	16731	1023	1593	-3838	-213	-521	84.4	5.6	75	490	
Light1	2021-09-10 22:48	10.6	5.03	21.33	16857	873	1424	-3829	113	-313	85.2	4.8	84	578	
Light1	2021-09-10 22:48	10.3	5.01	21.32	16902	562	1655	-3822	386	-106	85.2	4.8	85	308	
Light1	2021-09-10 22:48	10.6	5.03	21.32	17017	929	2293	-3830	476	93	82.6	7.4	89	463	
Light1	2021-09-10 22:48	10.3	5.01	21.32	16733	927	2405	-3849	526	504	82.2	7.8	91	576	
Light1	2021-09-10 22:49	10.3	5.01	21.32	16547	686	2908	-3856	472	592	80.7	9.3	90	554	
Light1	2021-09-10 22:49	10.3	5.03	21.32	16798	526	2579	-3875	354	933	82.1	7.9	93	292	
Light1	2021-09-10 22:49	10.3	5.01	21.32	16480	-39	2779	-3871	356	974	81.6	8.4	92	470	
Light1	2021-09-10 22:49	10.3	5.03	21.32	16791	94	2635	-3882	130	1258	82.2	7.8	100	492	
Light1	2021-09-10 22:49	10.3	5.01	21.29	16654	362	2755	-3943	-320	1313	81.6	8.4	262	464	
Light1	2021-09-10 22:49	10.3	5.01	21.29	16660	-570	2442	-28665	4508	374	82.7	7.3	78	254	
Light1	2021-09-10 22:49	10.3	5.01	21.26	16829	-330	2739	-3962	-610	1307	81.8	8.2	259	585	
Light1	2021-09-10 22:49	10.3	5.01	21.26	16720	-455	2214	-3989	-1011	1101	83.6	6.4	261	455	
Light1	2021-09-10 22:49	10.3	5.01	21.26	16587	-1203	2323	-3977	-1060	1096	82.2	7.8	254	585	
Light1	2021-09-10 22:49	10.3	5.01	21.25	16978	-440	2431	-3965	-1299	694	82.9	7.1	267	546	
Light1	2021-09-10 22:49	10.3	5.03	21.26	16736	-65	1980	-3927	-1366	166	84.5	5.5	275	469	
Light1	2021-09-10 22:49	10.3	5.03	21.33	16702	426	1997	-3843	-1145	-408	84.2	5.8	297	294	
Light1	2021-09-10 22:49	10.3	5.01	21.33	16863	288	1582	-3871	-1091	-376	85.8	4.2	299	398	
Light1	2021-09-10 22:49	10.3	5.01	21.33	17016	612	1948	-3834	-768	-566	84.2	5.8	339	405	
Light1	2021-09-10 22:49	10.3	5.03	21.33	16632	943	2371	-3834	-700	-578	82.2	7.8	4	296	
Light1	2021-10-04 21:20	11.2	5.03	19.74	3528	1232	15976	-206	-695	-3077	11.2	78.8	342	362	
Light1	2021-10-04 21:20	11.2	5.01	19.74	2813	698	17062	-181	-783	-3040	8.3	81.7	326	175	
Light1	2021-10-04 21:20	11.2	5.03	19.74	2933	1284	17048	-204	-837	-3039	8.6	81.4	330	421	
Light1	2021-10-04 21:21	11.2	5.03	22.35	658	1006	17043	442	-405	-3011	1	89.0	357	325	
Light1	2021-10-04 21:21	11.2	5.01	22.35	468	792	17229	494	-106	-3029	0.4	89.6	13	438	
Light1	2021-10-04 21:21	11.2	5.01	22.35	155	262	17498	504	236	-3026	-0.7	90.7	28	511	
Light1	2021-10-04 21:21	11.2	5.03	22.56	263	-249	16885	384	409	-3049	-0.3	90.3	34	461	
Light1	2021-10-04 21:21	11.2	5.03	22.56	14	-806	17416	401	771	-2985	-1.2	91.2	47	573	
Light1	2021-10-04 21:21	11.2	5.03	22.56	-64	-711	16740	215	950	-2964	-1.5	91.5	62	496	
Light1	2021-10-04 21:21	11.2	5.01	22.65	-397	-766	17630	13	1045	-2962	-2.6	92.6	76	450	
Light1	2021-10-04 21:21	11.2	5.03	22.65	-362	-291	17445	7	1025	-2962	-2.5	92.5	77	440	
Light1	2021-10-04 21:21	11.2	5.03	22.65	-870	685	16898	-163	1151	-2933	-4.2	94.2	90	476	
Light1	2021-10-04 21:21	11.2	5.03	22.65	-930	-727	17445	-169	1117	-2941	-4.4	94.4	91	391	
Light1	2021-10-04 21:21	11.2	5.03	22.65	-838	-83	17099	-517	939	-2991	-4.1	94.1	107	493	
Light1	2021-10-04 21:21	11.2	5.01	22.65	-997	-297	17283	-572	885	-2997	-4.6	94.6	113	420	
Light1	2021-10-04 21:21	11.2	5.01	22.65	-998	-1035	17607	-828	914	-2948	-4.7	94.7	128	361	
Light1	2021-10-04 21:21	11.2	5.01	22.65	-830	-745	17281	-877	829	-2972	-4.1	94.1	129	329	
Light1	2021-10-04 21:21	11.2	5.03	22.65	-75	-243	17139	-1133	705	-2954	-1.5	91.5	133	592	
Light1	2021-10-04 21:21	11.2	5.01	23.39	-268	-1047	16997	-1308	498	-2943	-2.2	92.2	156	234	
Light1	2021-10-04 21:21	11.2	5.01	23.39	66	294	16896	-1449	239	-2937	-1	91.0	156	449	
Light1	2021-10-04 21:21	11.2	5.03	23.39	249	-498	17512	-1512	133	-2930	-0.4	90.4	170	355	
Light1	2021-10-04 21:21	11.2	5.01	23.39	584	-318	17032	-1585	-117	-2932	0.7	89.3	181	578	
Light1	2021-10-04 21:21	11.2	5.01	23.39	194	-296	17763	-1506	-430	-2951	-0.6	90.6	198	553	
Light1	2021-10-04 21:21	11.2	5.01	22.48	276	-1085	17591	-1523	-446	-2945	-0.3	90.3	206	449	
Light1	2021-10-04 21:21	11.2	5.01	22.48	413	-429	17768	-1363	-805	-2945	0.1	89.9	220	420	
Light1	2021-10-04 21:22	11.2	5.01	22.48	528	250	17349	-1192	-1078	-2920	0.5	89.5	231	503	
Light1	2021-10-04 21:22	11.2	5.03	22.48	-382	142	17304	-602	-1149	-2964	-2.5	92.5	252	503	
Light1	2021-10-04 21:22	11.2	5.03	22.48	502	-558	17049	-735	-1162	-2953	0.5	89.5	256	371	
Light1	2021-10-04 21:22	11.2	5.03	22.48	329	149	17262	-462	-1148	-2961	-0.1	90.1	267	330	
Light1	2021-10-04 21:22	10.9	5.01	22.48	610	-273	17585	-458	-1153	-2968	0.8	89.2	271	588	
Light1	2021-10-04 21:22	10.9	5.01	22.48	430	747	17552	-262	-1139	-2957	0.2	89.8	281	271	
Light1	2021-10-04 21:22	10.9	5.01	23.24	722	87	17398	-203	-1012	-2988	1.2	88.8	289	384	
Light1	2021-10-04 21:22	10.9	5.01	23.24	717	276	16941	90	-797	-3005	1.2	88.8	314	574	
Light1	2021-10-04 21:22	10.9	5.01	23.24	299	-627	17211	192	-682	-3023	-0.2	90.2	312	547	
Light1	2021-10-04 21:22	10.9	5.01	23.24	742	-305	17063	434	-305	-3029	1.3	88.7	347	411	
Light1	2021-10-04 21:22	10.9	5.01	22.87	464	109	17113	510	-236	-3023	0.3	89.7	356	460	
Light1	2021-10-04 21:22	10.9	5.03	22.87	5620	-89	16181	-643	-222	-3126	18	72.0	354	297	
Light1	2021-10-04 21:22	10.9	5.01	21.86	6428	134	15903	-754	105	-3115	20.9	69.1	18	440	
Light1	2021-10-04 21:22	10.9	5.01	21.34	7353	-38	15776	-1089	378	-3033	23.9	66.1	36	427	
Light1	2021-10-04 21:22	10.9	5.03	21.35	7535	-516	15758	-1128	381	-3009	24.5	65.5	30	344	
Light1	2021-10-04 21:22	10.9	5.03	21.35	7628	541	15175	-1288	548	-2935	25.6	64.4	52	566	
Light1	2021-10-04 21:22	10.9	5.03	21.35	7604	589	15092	-1383	548	-2898	25.7	64.3	56	355	
Light1	20														

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light1	2021-10-04 21:23	10.6	5.03	21.35	7983	-1122	15259	-2497	719	-2213	26.5	63.5	125	353	
Light1	2021-10-04 21:23	10.9	5.03	21.35	7928	-549	14997	-2586	669	-2146	26.8	63.2	126	330	
Light1	2021-10-04 21:23	10.9	5.01	21.33	8236	-304	15021	-2794	430	-2041	27.7	62.3	140	341	
Light1	2021-10-04 21:23	10.6	5.03	21.33	8692	-407	15131	-2933	315	-1935	28.9	61.1	150	554	
Light1	2021-10-04 21:23	10.6	5.03	21.33	8834	-483	15062	-2960	330	-1913	29.4	60.6	150	416	
Light1	2021-10-04 21:23	10.6	5.03	21.15	8540	-1051	14986	-3039	34	-1900	28.6	61.4	179	562	
Light1	2021-10-04 21:23	10.6	5.03	21.03	8216	-809	15600	-3050	-196	-1921	26.7	63.3	191	454	
Light1	2021-10-04 21:23	10.6	5.03	20.99	8586	-679	14605	-3083	-500	-1917	29.5	60.5	212	406	
Light1	2021-10-04 21:23	10.6	5.03	20.99	8316	-560	14679	-3076	-513	-1923	28.5	61.5	210	484	
Light1	2021-10-04 21:23	10.6	5.01	21.15	8747	-279	14724	-3023	-679	-1958	29.7	60.3	220	420	
Light1	2021-10-04 21:23	10.6	5.01	21.47	8760	-396	14967	-2882	-958	-2055	29.3	60.7	236	459	
Light1	2021-10-04 21:23	10.6	5.03	21.47	8894	-374	14558	-2653	-1190	-2189	30.5	59.5	253	271	
Light1	2021-10-04 21:23	10.6	5.03	21.47	8206	-48	15185	-2162	-1265	-2499	27.4	62.6	267	585	
Light1	2021-10-04 21:23	10.6	5.03	21.47	8297	-911	15567	-2106	-1218	-2539	27	63.0	268	401	
Light1	2021-10-04 21:23	10.6	5.01	21.47	8360	-240	15348	-1882	-1158	-2667	27.5	62.5	281	435	
Light1	2021-10-04 21:23	10.6	5.03	21.4	8854	-79	14508	-1688	-910	-2809	30.4	59.6	306	371	
Light1	2021-10-04 21:23	10.6	5.01	21.4	8555	-446	14786	-1678	-751	-2845	29.1	60.9	305	567	
Light1	2021-10-04 21:23	10.6	5.01	21.47	8462	-128	14997	-1409	-555	-2962	28.4	61.6	328	254	
Light1	2021-10-04 21:23	10.3	5.03	21.49	11852	834	12577	-2095	-455	-2683	42.5	47.5	354	490	
Light1	2021-10-04 21:23	10.3	5.03	21.49	11971	322	12373	-2198	-397	-2634	43.4	46.6	348	355	
Light1	2021-10-04 21:23	10.3	5.01	21.57	12228	617	12127	-2248	-123	-2593	44.6	45.4	15	413	
Light1	2021-10-04 21:24	10.3	5.03	21.57	12215	745	12089	-2259	-110	-2583	44.6	45.4	18	528	
Light1	2021-10-04 21:24	10.3	5.03	21.57	12413	594	11877	-2360	94	-2499	45.6	44.4	32	369	
Light1	2021-10-04 21:24	10.3	5.03	21.51	12422	1344	11705	-2416	98	-2450	45.9	44.1	45	511	
Light1	2021-10-04 21:24	10.3	5.01	21.51	12869	792	11332	-2481	156	-2388	48	42.0	40	558	
Light1	2021-10-04 21:24	10.3	5.03	21.51	12680	967	11412	-2585	353	-2262	47.4	42.6	59	230	
Light1	2021-10-04 21:24	10.3	5.03	21.37	12990	1091	11100	-2742	447	-2077	48.8	41.2	69	588	
Light1	2021-10-04 21:24	10.3	5.01	21.37	13098	771	11049	-2787	466	-2044	49.3	40.7	69	483	
Light1	2021-10-04 21:24	10.3	5.03	21.34	13432	658	10106	-3092	575	-1638	52.7	37.3	83	351	
Light1	2021-10-04 21:24	10.3	5.01	21.4	13356	852	10334	-3312	549	-1317	51.8	38.2	98	570	
Light1	2021-10-04 21:24	10.3	5.03	21.53	13606	543	10085	-3486	448	-1084	53.1	36.9	106	314	
Light1	2021-10-04 21:24	10.3	5.01	21.53	13703	1089	10311	-3509	459	-1008	52.5	37.5	107	423	
Light1	2021-10-04 21:24	10.3	5.03	21.53	13748	919	10449	-3622	314	-852	52.3	37.7	117	479	
Light1	2021-10-04 21:24	10.3	5.03	21.53	14011	867	10430	-3654	305	-760	52.9	37.1	118	498	
Light1	2021-10-04 21:24	10.3	5.03	21.55	14086	874	9771	-3794	72	-519	54.9	35.1	133	465	
Light1	2021-10-04 21:24	10.3	5.03	21.56	14160	377	9575	-3834	-23	-464	55.7	34.3	149	271	
Light1	2021-10-04 21:24	10.3	5.01	21.54	14160	-76	9606	-3860	-96	-380	55.7	34.3	170	505	
Light1	2021-10-04 21:24	10.3	5.03	21.51	14171	570	9692	-3921	-397	-299	55.3	34.7	212	488	
Light1	2021-10-04 21:24	10.3	5.03	21.47	14490	224	9398	-3930	-555	-269	56.9	33.1	236	559	
Light1	2021-10-04 21:24	10.3	5.01	21.42	14381	-56	9222	-3930	-545	-272	57.2	32.8	238	438	
Light1	2021-10-04 21:24	10.3	5.03	21.42	14274	682	9423	-3942	-738	-252	56.3	33.7	244	491	
Light1	2021-10-04 21:24	10.3	5.01	21.42	14519	288	8696	-3905	-881	-343	59	31.0	255	358	
Light1	2021-10-04 21:24	10.3	5.03	21.34	14535	382	9089	-3902	-933	-318	57.8	32.2	255	368	
Light1	2021-10-04 21:24	10.3	5.01	21.21	14309	448	9565	-3773	-1200	-633	56	34.0	259	360	
Light1	2021-10-04 21:24	10.3	5.03	21.21	14165	415	9059	-3760	-1266	-630	57.3	32.7	262	413	
Light1	2021-10-04 21:24	10.3	5.03	21.17	14356	322	9819	-3678	-1300	-813	55.4	34.6	262	562	
Light1	2021-10-04 21:24	9.9	5.03	21.16	14459	-510	9218	-3684	-1278	-809	57.4	32.6	265	419	
Light1	2021-10-04 21:24	9.9	5.01	21.16	14772	-31	9193	-3602	-1355	-947	58	32.0	269	419	
Light1	2021-10-04 21:24	9.9	5.01	21.25	14605	210	8759	-3596	-1368	-947	59	31.0	270	167	
Light1	2021-10-04 21:24	9.9	5.03	21.25	14076	419	9337	-3542	-1347	-1057	56.3	33.7	268	472	
Light1	2021-10-04 21:24	9.9	5.01	21.25	14804	-167	8422	-3541	-1334	-1078	60.4	29.6	274	409	
Light1	2021-10-04 21:25	9.9	5.03	21.36	15025	254	8735	-3422	-1339	-1277	59.8	30.2	279	509	
Light1	2021-10-04 21:25	9.9	5.01	21.36	15189	-480	8664	-3416	-1347	-1271	60.3	29.7	278	387	
Light1	2021-10-04 21:25	9.9	5.03	21.49	14710	599	8449	-3318	-1313	-1452	60.1	29.9	287	412	
Light1	2021-10-04 21:25	9.9	5.01	21.58	14810	773	8626	-3240	-1190	-1608	59.6	30.4	294	533	
Light1	2021-10-04 21:25	9.9	5.01	21.58	14594	773	8821	-3144	-974	-1779	58.7	31.3	305	586	
Light1	2021-10-04 21:25	9.9	5.01	21.58	15188	84	8344	-3147	-990	-1774	61.3	28.7	303	596	
Light1	2021-10-04 21:25	9.9	5.03	21.64	15008	1080	8345	-3096	-840	-1860	60.7	29.3	328	510	
Light1	2021-10-04 21:25	9.9	5.03	21.65	16813	167	3366	-3764	-598	-793	79.6	10.4	311	438	
Light1	2021-10-04 21:25	9.9	5.03	21.41	16859	710	2613	-3754	-439	-793	81.8	8.2	26	577	
Light1	2021-10-04 21:25	9.9	5.03	21.41	16725	210	2941	-3753	-387	-805	81	9.0	343	447	
Light1	2021-10-04 21:25	9.9	5.03	21.37	16527	768	2677	-3718	-169	-828	81.4	8.6	55	586	
Light1	2021-10-04 21:25	9.9	5.03	21.37	16645	988	2462	-3752	34	-670	81.8	8.2	73	452	
Light1	2021-10-04 21:25	9.9	5.01	21.37	16758	-40	2134	-3727	162	-650	84	6.0	46	416	
Light1	2021-10-04 21:25	9.9	5.03	21.35	16920	82	2476	-3724	188	-665	82.8	7.2	55	361	
Light1	2021-10-04 21:25	9.9	5.03	21.34	16589	856	2090	-3781	225	-454	83.2	6.8	80	583	
Light1	2021-10-04 21:25	9.9	5.03	21.34	16384	851	2956	-3788	388	-275	80.3	9.7	84	534	
Light1	2021-10-04 21:25	9.9	5.01	21.32	16520	642	1891	-3793	371	-246	84.2	5.8	83	583	
Light1	2021-10-04 21:25	9.9	5.01	21.32	17135	1156	2791	-3804	440	-124	80.7	9.3	87	368	
Light1	2021-10-04 21:25	9.9	5.03	21.32	16503	798	3403	-3768	584	-48	78.9	11.1	88	453	
Light1	2021-10-04 21:25	9.9	5.01	21.32	16983	4	2848	-3777	631	106	81.5	8.5	86	485	
Light1	2021-10-04 21:25	9.9	5.01	21.32	16647	749	3223	-3829	547	404	79.6	10.4	90	447	
Light1	2021-10-04 21:25	9.9	5.01	21.32	16886	-316	2423	-3802	628	430	83	7.0	88	524	
Light1	2021-10-04 21:25	9.6	5.01	21.32	16572	523	3337	-3842	528	604	79.4	10.6	90	436	
Light1	2021-10-04 21:25	9.6	5.01	21.35	16591	51	3456	-3844	533	605	79.2	10.8	90	464	
Light1	2021-10-04 21:25	9.6	5.03	21.35	16195	575	3233	-3856	474	755	79.5	10.5	90	580	
Light1	2021-10-04 21:25	9.6	5.01	21.37	16235	313	3053	-3862	443	878	80.4	9.6	91	251	
Light1	2021-10-04 21:26	9.6	5.01	21.39	16788	-520	3072	-3904	218	1025	80.6	9.4	90	263	
Light1	2021-10-04 21:26	9.6	5.01	21.38	16488	-506	3775	-3933	-50	1245	78	12.0	86	393	
Light1	2021-10-04 21:26	9.6	5.03	21.37	16453	-145	3304	-3952	-113	1201	79.7	10.3	87	389	
Light1	2021-10-04 21:26	9.6	5.01	21.37	16492	-28	2844	-3977	-437	1296	81.3	8.7	261	445	
Light1	2021-10-04 21:26	9.6	5.01	21.29	16623	392	3145	-4000	-1041	1047	80.2	9.8	268	548	
Light1	2021														

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az								
Light1	2021-10-04 21:26	9.6	5.03	21.28	16575	305	3006	-3814	-1073		-550	80.7	9.3	291	358
Light1	2021-10-04 21:26	9.6	5.03	21.35	16735	293	2764	-3806	-1009		-598	81.6	8.4	295	412
Light1	2021-10-04 21:26	9.3	5.01	21.35	16176	775	3275	-3781	-622		-740	79.2	10.8	340	279
Light1	2021-10-28 20:53	1.9	5.03	22.1	1259	486	17489	229	-440		-3059	3	87.0	347	420
Light1	2021-10-28 20:53	1.9	5.03	22.1	1032	529	18049	225	-396		-3073	2.2	87.8	350	457
Light1	2021-10-28 20:53	1.9	5.01	22.1	1162	558	17333	360	-119		-3073	2.7	87.3	9	534
Light1	2021-10-28 20:53	1.9	5.01	21.97	850	309	17815	242	432		-3075	1.6	88.4	42	319
Light1	2021-10-28 20:53	1.9	5.03	21.97	825	358	17784	186	560		-3063	1.5	88.5	50	543
Light1	2021-10-28 20:53	1.9	5.03	22.12	856	170	16982	95	740		-3038	1.7	88.3	58	439
Light1	2021-10-28 20:53	1.9	5.03	22.12	838	-276	17920	35	779		-3036	1.6	88.4	59	440
Light1	2021-10-28 20:53	1.9	5.03	21.96	906	-126	16662	-82	911		-3002	1.9	88.1	67	569
Light1	2021-10-28 20:53	2.2	5.01	21.96	1225	146	17229	-545	962		-2972	2.9	87.1	87	584
Light1	2021-10-28 20:53	2.2	5.03	21.92	1154	-256	17562	-807	1020		-2914	2.6	87.4	101	249
Light1	2021-10-28 20:54	2.2	5.03	21.92	1689	-384	16799	-1112	952		-2877	4.5	85.5	111	584
Light1	2021-10-28 20:54	2.2	5.03	22.24	979	-189	17087	-1409	657		-2870	2.1	87.9	136	379
Light1	2021-10-28 20:54	2.2	5.03	22.24	855	-510	17279	-1526	372		-2886	1.6	88.4	156	358
Light1	2021-10-28 20:54	2.2	5.03	21.84	794	-117	17149	-1660	39		-2886	1.4	88.6	171	336
Light1	2021-10-28 20:54	2.2	5.03	21.84	576	-759	18202	-1700	-39		-2877	0.6	89.4	182	402
Light1	2021-10-28 20:54	2.2	5.03	21.77	1182	-1113	17371	-1703	-76		-2877	2.7	87.3	188	363
Light1	2021-10-28 20:54	2.2	5.03	21.77	1035	-420	16975	-1668	-461		-2882	2.3	87.7	201	439
Light1	2021-10-28 20:54	2.2	5.01	21.77	849	-902	17353	-1639	-477		-2901	1.6	88.4	206	385
Light1	2021-10-28 20:54	2.2	5.03	21.77	791	4	17495	-1534	-705		-2904	1.4	88.6	210	195
Light1	2021-10-28 20:54	2.2	5.03	21.77	851	-684	17307	-1517	-733		-2902	1.6	88.4	218	305
Light1	2021-10-28 20:54	2.2	5.03	22.26	1288	-511	16854	-1325	-914		-2919	3.1	86.9	232	586
Light1	2021-10-28 20:54	2.2	5.03	22.26	720	-401	17346	-869	-1040		-2973	1.2	88.8	250	509
Light1	2021-10-28 20:54	2.2	5.01	22.62	691	-878	17159	-531	-968		-3008	1.1	88.9	268	462
Light1	2021-10-28 20:54	2.2	5.01	22.62	758	-745	17211	-545	-977		-3013	1.3	88.7	267	567
Light1	2021-10-28 20:54	2.2	5.03	22.62	796	-689	17447	-515	-979		-3013	1.4	88.6	270	518
Light1	2021-10-28 20:54	2.2	5.01	22.62	869	-732	17023	-548	-936		-3024	1.7	88.3	269	511
Light1	2021-10-28 20:54	2.2	5.03	22.06	818	-1060	18007	-254	-846		-3036	1.5	88.5	285	400
Light1	2021-10-28 20:54	2.2	5.01	22.06	551	-449	17492	-289	-930		-3016	0.6	89.4	281	310
Light1	2021-10-28 20:54	2.2	5.03	22.04	800	-419	17849	-201	-937		-3009	1.4	88.6	289	519
Light1	2021-10-28 20:54	2.2	5.03	22.04	1028	-147	17425	-232	-833		-3037	2.2	87.8	294	546
Light1	2021-10-28 20:55	2.2	5.01	22.04	1436	-164	17567	-36	-700		-3045	3.6	86.4	315	574
Light1	2021-10-28 20:55	2.2	5.03	22.04	1381	-103	17361	111	-541		-3061	3.4	86.6	330	394
Light1	2021-10-28 20:55	2.2	5.03	22.04	1036	33	17378	214	-446		-3055	2.3	87.7	339	319
Light1	2021-10-28 20:55	2.2	5.01	22.37	1195	152	17475	295	-200		-3072	2.8	87.2	359	340
Light1	2021-10-28 20:55	2.2	5.03	22.37	10767	1157	13199	-1879	-578		-2785	38.3	51.7	351	576
Light1	2021-10-28 20:55	2.2	5.01	21.51	10715	1356	13669	-1900	-380		-2781	37.1	52.9	8	468
Light1	2021-10-28 20:55	2.2	5.03	21.44	11407	1168	12932	-2059	-108		-2698	40.5	49.5	25	521
Light1	2021-10-28 20:55	2.2	5.03	21.44	11409	1035	12263	-2114	-87		-2669	42.1	47.9	24	479
Light1	2021-10-28 20:55	2.2	5.03	21.42	11602	898	12398	-2160	143		-2620	42.3	47.7	37	466
Light1	2021-10-28 20:55	2.2	5.01	21.42	11818	1040	12636	-2268	264		-2525	42.2	47.8	50	277
Light1	2021-10-28 20:55	2.2	5.01	21.39	11686	900	12210	-2297	263		-2503	43	47.0	49	315
Light1	2021-10-28 20:55	2.2	5.03	21.31	12070	528	12213	-2456	474		-2327	44	46.0	60	356
Light1	2021-10-28 20:55	2.2	5.03	21.31	12139	309	12617	-2463	511		-2315	43.2	46.8	62	403
Light1	2021-10-28 20:55	2.2	5.03	21.24	12499	103	12198	-2659	716		-2060	45.1	44.9	75	394
Light1	2021-10-28 20:55	2.2	5.03	21.24	12056	159	11716	-2705	707		-2025	45.3	44.7	77	536
Light1	2021-10-28 20:55	2.2	5.03	21.24	12345	345	12482	-2930	-3657		324	44	46.0	271	233
Light1	2021-10-28 20:55	2.2	5.03	21.24	12283	208	12177	-2933	689		-1792	44.6	45.4	93	544
Light1	2021-10-28 20:55	2.2	5.01	21.28	12501	1025	11565	-3154	602		-1534	46.5	43.5	100	570
Light1	2021-10-28 20:55	2.2	5.01	21.3	11747	806	12668	-3249	443		-1490	42	48.0	118	543
Light1	2021-10-28 20:55	1.9	5.01	21.31	11300	1370	12185	-3456	-1		-1341	42	48.0	144	490
Light1	2021-10-28 20:55	1.9	5.03	21.31	11231	761	13344	-3452	-1		-1335	39.2	50.8	156	511
Light1	2021-10-28 20:55	1.9	5.03	21.33	11242	935	13344	-3503	-238		-1298	39.2	50.8	175	494
Light1	2021-10-28 20:56	1.9	5.03	21.32	11144	1020	12702	-3564	-535		-1239	40.4	49.6	201	442
Light1	2021-10-28 20:56	1.9	5.01	21.32	11188	832	13919	-3553	-502		-1244	37.8	52.2	199	425
Light1	2021-10-28 20:56	1.9	5.01	21.32	11429	1399	13438	-3589	-558		-1177	39.4	50.6	199	458
Light1	2021-10-28 20:56	1.9	5.03	21.22	11332	705	13082	-3545	-748		-1240	40.1	49.9	220	468
Light1	2021-10-28 20:56	1.9	5.03	21.1	11466	535	12985	-3541	-805		-1234	40.7	49.3	226	412
Light1	2021-10-28 20:56	1.9	5.03	21.1	11402	415	13569	-3463	-988		-1339	39.2	50.8	235	394
Light1	2021-10-28 20:56	1.9	5.01	21.08	11394	725	12412	-3276	-1272		-1504	41.8	48.2	251	525
Light1	2021-10-28 20:56	1.9	5.03	21.07	11111	651	13565	-3243	-1269		-1563	38.4	51.6	247	525
Light1	2021-10-28 20:56	1.9	5.03	21.02	11374	465	12503	-3169	-1402		-1602	41.6	48.4	258	512
Light1	2021-10-28 20:56	1.9	5.03	20.96	10817	612	13419	-2840	-1376		-1949	38	52.0	262	475
Light1	2021-10-28 20:56	1.9	5.03	20.96	10716	427	13526	-2824	-1356		-3754	37.5	52.5	280	486
Light1	2021-10-28 20:56	1.9	5.03	20.96	10611	621	13472	-2827	-1363		-1966	37.4	52.6	261	453
Light1	2021-10-28 20:56	1.9	5.03	20.97	10381	477	13745	-2807	-1364		-1987	36.2	53.8	260	285
Light1	2021-10-28 20:56	1.9	5.01	20.97	10504	956	13416	-2778	-1436		-1984	37.1	52.9	263	479
Light1	2021-10-28 20:56	1.9	5.03	20.97	10456	927	13607	-2787	-1453		-1967	36.6	53.4	262	334
Light1	2021-10-28 20:56	1.9	5.03	21.09	10859	1450	13381	-2660	-1551		-2039	38	52.0	271	480
Light1	2021-10-28 20:56	1.9	5.03	21.09	9980	705	12514	-2480	-1390		-2238	37.8	52.2	279	500
Light1	2021-10-28 20:56	1.9	5.01	21.1	11267	1473	12745	-2443	-1453		-2237	40.5	49.5	289	399
Light1	2021-10-28 20:56	1.9	5.03	21.29	11073	662	13500	-2332	-1238		-2395	38.5	51.5	290	290
Light1	2021-10-28 20:56	1.9	5.03	21.29	11291	566	12704	-2348	-1162		-2408	40.9	49.1	297	482
Light1	2021-10-28 20:56	1.9	5.01	21.29	11273	831	12908	-2142	-941		-2591	40.3	49.7	318	242
Light1	2021-10-28 20:56	1.9	5.03	21.35	10927	785	12624	-2108	-860		-2619	40.1	49.9	323	565
Light1	2021-10-28 20:56	1.9	5.03	21.35	13631	1473	10356	-2727	-890		-2198	52.1	37.9	331	521
Light1	2021-10-28 20:56	1.9	5.03	21.49	13899	1363	10574	-2727	-452		-2233	52.1	37.9	7	382
Light1	2021-10-28 20:56	1.9	5.03	21.51	13691	1085	9766	-2785	-140		-2173	54	36.		

ID	Local Date & Time	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az							
Light1	2021-10-28 20:57	1.6	5.03	21.33	13903	1059	9782	-3434	513	-1110	54.4	35.6	99	543
Light1	2021-10-28 20:57	1.6	5.03	21.33	14039	1308	9896	-3518	437	-990	54.3	35.7	104	512
Light1	2021-10-28 20:57	1.6	5.03	21.36	14081	1513	9591	-3536	429	-968	55.1	34.9	102	579
Light1	2021-10-28 20:57	1.6	5.03	21.36	13932	1327	10042	-3622	317	-821	53.6	36.4	112	368
Light1	2021-10-28 20:57	1.6	5.03	21.42	13997	1153	9403	-3659	340	-735	55.7	34.3	110	261
Light1	2021-10-28 20:57	1.6	5.01	21.42	14116	825	9743	-3678	303	-701	55	35.0	115	551
Light1	2021-10-28 20:57	1.6	5.03	21.43	14050	756	9419	-3736	191	-621	55.9	34.1	121	573
Light1	2021-10-28 20:57	1.6	5.03	21.45	14070	771	10153	-3829	32	-431	53.8	36.2	140	261
Light1	2021-10-28 20:57	1.6	5.03	21.45	14481	174	9269	-3923	-193	-246	57.2	32.8	184	549
Light1	2021-10-28 20:57	1.6	5.03	21.46	14309	50	8817	-3916	-203	-251	58.3	31.7	189	542
Light1	2021-10-28 20:57	1.6	5.03	21.45	14785	-313	9462	-3940	-503	-263	57.2	32.8	236	523
Light1	2021-10-28 20:58	1.6	5.03	21.26	14441	446	9346	-3831	-1142	-470	56.9	33.1	259	586
Light1	2021-10-28 20:58	1.6	5.03	21.19	14154	1159	9466	-3614	-1479	-834	55.8	34.2	266	459
Light1	2021-10-28 20:58	1.6	5.03	21.06	14227	1537	9234	-3523	-1541	-982	56.4	33.6	270	568
Light1	2021-10-28 20:58	1.6	5.03	21.05	14510	1209	10344	-3317	-1549	-1313	53.9	36.1	274	583
Light1	2021-10-28 20:58	1.6	5.03	21.11	14117	1232	9099	-3308	-1532	-1346	56.8	33.2	280	545
Light1	2021-10-28 20:58	1.6	5.03	21.11	14446	1051	8938	-3316	-1554	-1317	57.9	32.1	281	278
Light1	2021-10-28 20:58	1.6	5.03	21.11	14588	1621	9075	-3205	-1436	-1534	57.5	32.5	291	560
Light1	2021-10-28 20:58	1.6	5.03	21.33	14353	272	9391	-3161	-1233	-1669	56.6	33.4	288	560
Light1	2021-10-28 20:58	1.6	5.03	21.32	16349	613	4330	-3650	-776	-1009	75.8	14.2	316	559
Light1	2021-10-28 20:58	1.6	5.03	21.32	16388	374	4160	-3660	-816	-991	76.5	13.5	308	265
Light1	2021-10-28 20:58	1.6	5.01	21.31	16469	959	3766	-3673	-571	-995	77.5	12.5	5	571
Light1	2021-10-28 20:58	1.6	5.03	21.3	16317	614	3515	-3707	-396	-916	78.6	11.4	11	469
Light1	2021-10-28 20:58	1.6	5.03	21.3	16316	585	3495	-3686	-417	-983	78.7	11.3	7	558
Light1	2021-10-28 20:58	1.6	5.03	21.3	16299	667	3610	-3656	-38	-938	78.2	11.8	54	493
Light1	2021-10-28 20:58	1.6	5.03	21.3	16879	322	3566	-3671	-14	-879	78.9	11.1	44	350
Light1	2021-10-28 20:58	1.6	5.03	21.3	16594	658	3790	-3700	167	-739	77.8	12.2	70	418
Light1	2021-10-28 20:58	1.6	5.03	21.26	16463	615	2982	-3721	200	-669	80.5	9.5	71	484
Light1	2021-10-28 20:58	1.2	5.03	21.26	16748	734	3497	-3720	356	-531	78.8	11.2	79	598
Light1	2021-10-28 20:58	1.2	5.03	21.26	16570	333	3002	-3740	414	-432	80.7	9.3	78	462
Light1	2021-10-28 20:58	1.2	5.03	21.26	16658	503	3632	-3746	567	-185	78.5	11.5	86	592
Light1	2021-10-28 20:58	1.2	5.03	21.27	16644	686	3156	-3762	587	-77	79.9	10.1	87	369
Light1	2021-10-28 20:58	1.2	5.01	21.27	16476	411	2790	-3770	617	68	81.3	8.7	87	492
Light1	2021-10-28 20:58	1.2	5.03	21.28	16448	219	3750	-3808	604	423	78.1	11.9	90	496
Light1	2021-10-28 20:58	1.2	5.03	21.35	16483	534	3895	-3886	423	651	77.4	12.6	89	581
Light1	2021-10-28 20:58	1.2	5.01	21.35	16302	155	3564	-3866	429	851	78.6	11.4	90	443
Light1	2021-10-28 20:59	1.2	5.03	21.4	16450	-573	3036	-3905	241	1089	80.5	9.5	91	378
Light1	2021-10-28 20:59	1.2	5.03	21.4	16666	48	3168	-3971	-268	1292	80.3	9.7	261	366
Light1	2021-10-28 20:59	1.2	5.01	21.35	17103	395	2981	-3988	-692	1277	80.9	9.1	265	558
Light1	2021-10-28 20:59	1.2	5.01	21.32	16581	82	2780	-4006	-1024	1065	81.6	8.4	266	403
Light1	2021-10-28 20:59	1.2	5.03	21.26	16250	170	2965	-3978	-1330	596	80.8	9.2	271	327
Light1	2021-10-28 20:59	1.2	5.03	21.23	16919	4	3704	-3976	-1315	500	78.6	11.4	271	498
Light1	2021-10-28 20:59	1.2	5.01	21.2	16560	108	3230	-3927	-1365	126	80	10.0	275	550
Light1	2021-10-28 20:59	1.2	5.03	21.2	16612	-369	3842	-3914	-1347	78	77.9	12.1	273	382
Light1	2021-10-28 20:59	1.2	5.03	21.2	16426	280	3627	-3891	-1313	-119	78.4	11.6	278	513
Light1	2021-10-28 20:59	1.2	5.03	21.18	16237	790	2986	-3855	-1212	-368	80.2	9.8	291	505
Light1	2021-10-28 20:59	1.2	5.01	21.18	16426	-139	4007	-3827	-1228	-431	77.2	12.8	279	509
Light1	2021-10-28 20:59	1.2	5.03	21.18	16573	433	3918	-3751	-1050	-727	77.5	12.5	293	328
Light1	2021-10-28 20:59	1.2	5.03	21.18	16552	708	3655	-3741	-1001	-783	78.2	11.8	303	582
Light1	2021-10-28 20:59	1.2	5.03	21.25	15393	190	2699	-3754	-849	-789	81.3	8.7	304	586
Light1	2021-10-28 20:59	1.2	5.03	21.25	16459	1008	3734	-3699	-728	-941	77.5	12.5	344	336
Light1	2022-01-25	12.5	5.03	19.35	-616	384	17109	-1215	94	-3034	-3.3	93.3	161	532
Light1	2022-01-25	12.2	5.03	22.52	-263	229	17564	-1450	-216	-2969	-2.2	92.2	181	278
Light1	2022-01-25	11.9	5.04	21.56	268	-439	17172	-1469	-443	-2949	-0.3	90.3	200	525
Light1	2022-01-25	11.9	5.04	21.56	163	-567	17639	-1273	-866	-2944	-0.7	90.7	224	481
Light1	2022-01-25	11.2	5.04	21.93	454	-363	16895	-755	-1030	-2994	0.3	89.7	252	587
Light1	2022-01-25	11.2	5.04	21.4	354	-405	16705	-433	-986	-3013	0	90.0	269	575
Light1	2022-01-25	11.2	5.04	21.25	769	-624	17490	-176	-855	-3039	1.3	88.7	291	295
Light1	2022-01-25	10.6	5.04	21.04	629	-457	17217	204	-689	-3034	0.9	89.1	316	367
Light1	2022-01-25	10.6	5.04	21.04	2310	-454	15272	241	-550	-3055	7.4	82.6	335	512
Light1	2022-01-25	10.6	5.04	21.09	814	133	17408	357	-389	-3054	1.5	88.5	346	449
Light1	2022-01-25	10.6	5.04	21.09	832	-107	16790	379	-369	-3049	1.6	88.4	345	380
Light1	2022-01-25	10.6	5.04	21.23	586	-156	16929	516	-221	-3031	0.8	89.2	354	522
Light1	2022-01-25	10.6	5.04	21.23	417	-356	17188	535	-219	-3028	0.2	89.8	352	579
Light1	2022-01-25	10.3	5.04	21.23	348	315	17206	545	-27	-3033	-0.1	90.1	12	516
Light1	2022-01-25	10.3	5.04	21.16	621	140	17071	535	-23	-3053	0.9	89.1	9	541
Light1	2022-01-25	10.3	5.04	21.16	954	118	17278	428	112	-3077	2	88.0	17	364
Light1	2022-01-25	10.3	5.04	21.16	1006	95	17278	416	226	-3078	2.2	87.8	23	533
Light1	2022-01-25	9.9	5.04	21.09	1176	42	17057	272	487	-3075	2.8	87.2	38	251
Light1	2022-01-25	9.9	5.04	21.09	1170	393	16979	302	441	-3079	2.7	87.3	39	205
Light1	2022-01-25	9.6	5.04	21.09	1142	-254	17189	292	452	-3084	2.6	87.4	34	469
Light1	2022-01-25	9.6	5.04	21.08	1083	89	17428	127	625	-3085	2.4	87.6	50	592
Light1	2022-01-25	9.3	5.04	21.14	1990	47	15782	-264	687	-3078	6	84.0	60	413
Light1	2022-01-25	9.3	5.03	21.18	1303	766	17080	-507	783	-3047	3.2	86.8	85	439
Light1	2022-01-25	9.3	5.03	21.18	1130	-187	16590	-535	787	-3045	2.7	87.3	87	585
Light1	2022-01-25	9.3	5.04	21.35	850	917	17596	-775	761	-3020	1.6	88.4	102	378
Light1	2022-01-25	9	5.03	21.35	1078	-25	17078	-840	827	-2984	2.4	87.6	105	410
Light1	2022-01-25	9	5.04	21.48	614	445	17128	-1138	604	-2976	0.8	89.2	127	282
Light1	2022-01-25	9	5.03	21.48	536	535	17707	-1190	569	-2969	0.6	89.4	130	513
Light1	2022-01-25	8.7	5.03	21.41	-27	-167	16515	-1385	270	-2972	-1.3	91.3	159	351
Light1	2022-01-25	8.7	5.03	21.41	16556	18950	17410	9224	4422	362	34.3	55.7	131	20668
Light1	2022-01-25	8.3	5.04	20.83	5638	524	16474	-2593	-326	-2368	17.7	72.3	185	307
Light1	2022-01-25	8.3	5.04	20.74	6267	7	16141	-2685	-405	-2300	20.1	69.9	195	235
Light1	2022-01-25	8.3	5.04	20.98	6642	0	15797	-2642	-761	-2299	21.7	68.3	218	343
Light1														

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-01-25	8	5.04	21.06	6936	760	15604	-2371	-1249	-2389	22.8	67.2	243	301	
Light1	2022-01-25	8	5.04	21.06	7076	400	15646	-2332	-1258	-2402	23.2	66.8	247	317	
Light1	2022-01-25	7.7	5.04	20.56	7433	845	15270	-1961	-1350	-2571	24.8	65.2	269	351	
Light1	2022-01-25	7.7	5.04	20.56	7504	340	15385	-1926	-1322	-2603	24.9	65.1	271	273	
Light1	2022-01-25	7.7	5.04	20.64	8218	-482	14778	-1449	-943	-2901	28.1	61.9	306	454	
Light1	2022-01-25	7.7	5.04	20.87	8113	714	15186	-1207	-572	-3035	27	63.0	342	502	
Light1	2022-01-25	7.4	5.04	20.87	8032	1592	15639	-1199	-255	-3059	26	64.0	18	507	
Light1	2022-01-25	7.4	5.04	21.12	8056	468	14596	-1202	-210	-3068	27.9	62.1	4	520	
Light1	2022-01-25	7	5.03	21.17	8580	278	14860	-1301	225	-3012	29	61.0	29	346	
Light1	2022-01-25	6.7	5.04	21.18	8757	109	15168	-1528	645	-2849	29	61.0	52	310	
Light1	2022-01-25	6.7	5.03	21.18	9069	-609	13923	-1599	681	-2812	32.2	57.8	43	529	
Light1	2022-01-25	6.4	5.04	21.18	8388	177	15785	-1773	761	-2703	26.9	63.1	75	505	
Light1	2022-01-25	6.4	5.03	21.09	7709	-231	15426	-2052	891	-2484	25.5	64.5	96	468	
Light1	2022-01-25	6.4	5.03	20.9	7763	-42	15250	-2096	877	-2477	25.9	64.1	96	358	
Light1	2022-01-25	6.4	5.04	20.81	7384	-769	16042	-2422	670	-2319	23.6	66.4	128	534	
Light1	2022-01-25	6.4	5.04	20.81	7066	-192	15554	-2404	618	-2354	23.4	66.6	125	559	
Light1	2022-01-25	6.1	5.04	20.8	7148	72	16053	-2429	597	-2337	22.9	67.1	127	505	
Light1	2022-01-25	6.1	5.04	20.8	7241	-553	15661	-2417	545	-2362	23.7	66.3	131	266	
Light1	2022-01-25	5.8	5.03	20.83	7219	21	15569	-2748	146	-2184	23.8	66.2	159	390	
Light1	2022-01-25	5.8	5.04	20.77	7211	-200	15299	-2851	-189	-2149	24.2	65.8	185	592	
Light1	2022-01-25	5.4	5.04	20.79	11379	37	13451	-3518	-314	-1323	39.4	50.6	194	532	
Light1	2022-01-25	5.4	5.04	21.12	11676	-201	12555	-3455	-779	-1391	42.3	47.7	235	452	
Light1	2022-01-25	5.1	5.04	20.94	11993	-372	12538	-3337	-1053	-1519	43.1	46.9	251	342	
Light1	2022-01-25	4.8	5.04	20.94	11967	-385	12882	-3227	-1112	-1652	42.2	47.8	254	493	
Light1	2022-01-25	4.8	5.04	20.92	12107	-28	12163	-2854	-1221	-2020	44.3	45.7	276	546	
Light1	2022-01-25	4.5	5.04	20.94	12636	-292	12210	-2787	-1121	-2111	45.4	44.6	282	432	
Light1	2022-01-25	4.5	5.04	20.94	12260	-491	17673	-11088	4446	336	35.1	54.9	91	459	
Light1	2022-01-25	4.1	5.04	20.95	11411	1382	11526	-2352	-809	-2521	43.9	46.1	336	569	
Light1	2022-01-25	4.1	5.04	20.97	11646	-18	12699	-2183	-734	-2626	41.8	48.2	320	267	
Light1	2022-01-25	3.8	5.05	21	11967	-2	12555	-2166	-410	-2667	43	47.0	342	233	
Light1	2022-01-25	3.8	5.04	21.19	11685	573	12879	-2154	-334	-2675	41.4	48.6	357	451	
Light1	2022-01-25	3.2	5.03	21.37	12368	357	12220	-2324	275	-2516	44.7	45.3	39	360	
Light1	2022-01-25	2.9	5.03	21.37	12356	190	12710	-2505	611	-2276	43.5	46.5	66	560	
Light1	2022-01-25	2.5	5.04	21.23	11926	-163	12237	-2695	890	-1971	43.6	46.4	82	536	
Light1	2022-01-25	2.5	5.04	21.23	12091	-547	12314	-2760	854	-1917	43.8	46.2	84	480	
Light1	2022-01-25	2.2	5.04	20.97	11113	203	13095	-3028	659	-1721	39.5	50.5	110	492	
Light1	2022-01-25	1.9	5.04	21.02	10730	-449	13057	-3395	150	-1403	38.7	51.3	158	549	
Light1	2022-01-25	1.9	5.04	21.04	11454	-279	12789	-3534	-296	-1291	41.1	48.9	197	599	
Light1	2022-01-25	1.6	5.04	21.09	16118	-495	5945	-4049	-700	421	70.2	19.8	268	437	
Light1	2022-01-25	1.2	5.04	21.19	15863	-350	5893	-4034	-812	372	70.1	19.9	268	458	
Light1	2022-01-25	1.2	5.04	21.19	16177	-634	6442	-4001	-1008	120	68.6	21.4	268	472	
Light1	2022-01-25	1.2	5.04	21.19	15740	-1025	5659	-3989	-1020	33	70.6	19.4	269	360	
Light1	2022-01-25	0.9	4.69	21.25	16560	18950	17666	-32091	4500	316	34.3	55.7	81	29372	
Light1	2022-01-25	0.9	5.04	21.23	16049	-737	5474	-3761	-1107	-756	71.7	18.3	278	368	
Light1	2022-01-25	0.9	5.04	21.25	16066	-593	6006	-3626	-983	-1091	69.9	20.1	285	306	
Light1	2022-01-25	0.6	5.04	21.2	15762	114	5719	-3483	-748	-1375	70.6	19.4	310	359	
Light1	2022-01-25	0.3	5.04	21.22	16302	-117	5201	-3472	-271	-1407	73	17.0	344	380	
Light1	2022-01-25	0.3	5.03	21.29	16305	451	4672	-3526	60	-1235	74.6	15.4	44	208	
Light1	2022-01-25	0.3	5.04	21.32	16056	393	4588	-3537	442	-1015	74.8	15.2	66	427	
Light1	2022-01-25	0	5.04	21.31	16288	131	5233	-3607	671	-636	72.8	17.2	80	558	
Light1	2022-01-25	0	5.04	21.31	16102	146	4616	-3654	675	-507	74.8	15.2	81	275	
Light1	2022-01-25	0	5.04	21.31	16162	964	5048	-3694	654	-364	72.9	17.1	87	278	
Light1	2022-01-25	-0.4	5.03	21.26	16246	865	4418	-3834	518	93	75.2	14.8	90	290	
Light1	2022-01-25	-0.4	5.03	21.2	16350	383	4992	-3837	533	215	73.6	16.4	91	381	
Light1	2022-01-25	-0.7	5.04	21.24	16077	-120	5643	-3927	310	496	71.2	18.8	92	410	
Light1	2022-01-25	-1	5.04	21.21	15844	-4	6473	-4041	-323	456	68.2	21.8	255	587	
Light1	2022-02-23 19:36	12.2	5.03	20.51	569	-539	16533	524	50	-3130	0.7	89.3	6	475	
Light1	2022-02-23 19:36	12.2	5.01	20.51	949	-244	16696	506	36	-3145	2	88.0	8	534	
Light1	2022-02-23 19:36	11.9	5.03	20.48	1311	-163	17157	209	406	-3165	3.2	86.8	34	559	
Light1	2022-02-23 19:36	11.9	5.03	20.36	1252	69	17083	-27	660	-3149	3	87.0	56	419	
Light1	2022-02-23 19:36	11.9	5.03	20.38	1852	-99	16848	-122	658	-3152	5.1	84.9	54	485	
Light1	2022-02-23 19:36	11.9	5.03	20.38	1836	182	16551	-254	736	-3132	5.1	84.9	64	491	
Light1	2022-02-23 19:36	11.9	5.03	20.48	1705	453	16929	-559	730	-3123	4.6	85.4	82	566	
Light1	2022-02-23 19:36	11.6	5.03	20.56	1177	1067	17717	-718	805	-3082	2.7	87.3	96	477	
Light1	2022-02-23 19:36	11.6	5.03	20.64	510	647	16970	-983	674	-3084	0.5	89.5	118	401	
Light1	2022-02-23 19:36	11.6	5.03	20.72	630	-377	17042	-1016	700	-3059	0.9	89.1	124	190	
Light1	2022-02-23 19:36	11.6	5.03	20.76	730	-126	17041	-1258	499	-3052	1.2	88.8	139	221	
Light1	2022-02-23 19:36	11.6	5.03	20.76	662	-802	17172	-1276	507	-3046	1	89.0	147	504	
Light1	2022-02-23 19:36	11.6	5.03	20.92	710	15	17096	-1428	303	-3040	1.2	88.8	153	509	
Light1	2022-02-23 19:36	11.6	5.03	20.77	-288	-790	16809	-1366	199	-3090	-2.2	92.2	169	589	
Light1	2022-02-23 19:36	11.2	5.03	20.54	-187	-805	16859	-1468	-90	-3085	-1.9	91.9	185	522	
Light1	2022-02-23 19:36	11.2	5.03	20.68	568	-1288	17226	-1563	-467	-3058	0.7	89.3	209	512	
Light1	2022-02-23 19:37	11.2	5.03	20.83	-1343	-516	16983	-988	-898	-3142	-5.8	95.8	224	413	
Light1	2022-02-23 19:37	11.2	5.03	20.83	-618	-470	16826	-1024	-931	-3136	-3.3	93.3	229	470	
Light1	2022-02-23 19:37	10.9	5.03	21.25	-313	-1065	17304	-676	-1062	-3132	-2.3	92.3	252	289	
Light1	2022-02-23 19:37	10.9	5.03	22.14	-20	-1098	17266	-393	-1034	-3148	-1.3	91.3	267	587	
Light1	2022-02-23 19:37	10.6	5.03	22.14	684	-728	17074	-85	-953	-3133	1.1	88.9	292	482	
Light1	2022-02-23 19:37	10.6	5.03	20.91	-25	-647	17018	439	4509	374	-1.3	91.3	89	575	
Light1	2022-02-23 19:37	10.3	5.03	20.55	-253	79	17218	577	60	-3112	-2.1	92.1	15	545	
Light1	2022-02-23 19:37	10.3	5.01	20.56	7519	559	15205	-988	-117	-3212	25.2	64.8	10	338	
Light1	2022-02-23 19:37	10.3	5.03	20.57	7233	-146	15319	-991	-72	-3205	24.2	65.8	3	565	
Light1	2022-02-23 19:37	10.3	5.03	20.57	7653	18	14986	-1047	84	-3177	26	64.0	15	599	
Light1	2022-02-23 19:37	9.9	5.01	20.54	8039	257	15134	-1352	458	-3033	26.9	63.1	45	455	
Light1	2022-02-23 19:37	9.6	5.03	20.34	7704	-24	15498	-1503	656	-2918	25.4	64.6	61	541	
Light1	2022-02-23 19:37	9.6	5.03	20.32	8569	147	15267	-1865	673	-2732	28.3	61.7</			

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-02-23 19:38	9.3	5.03	20.26	7405	700	14476	-2401	508	-2436	26	64.0	115	441	
Light1	2022-02-23 19:38	9	5.01	20.41	7376	155	15103	-2645	291	-2300	25	65.0	143	459	
Light1	2022-02-23 19:38	8.7	5.03	20.32	8180	-308	14806	-2927	119	-2050	27.9	62.1	163	594	
Light1	2022-02-23 19:38	8.3	5.03	21.08	8187	-496	13921	-2948	-208	-2107	29.5	60.5	193	506	
Light1	2022-02-23 19:38	8.3	5.03	20.55	7869	-170	14803	-2877	-699	-2198	27	63.0	220	394	
Light1	2022-02-23 19:38	8.3	5.03	20.54	8292	-138	14934	-2844	-982	-2188	28	62.0	235	490	
Light1	2022-02-23 19:38	8	5.03	20.46	6980	-636	15460	-2286	-1189	-2592	23.2	66.8	253	456	
Light1	2022-02-23 19:38	8	5.03	20.46	7180	-259	15404	-2230	-1179	-2630	23.9	66.1	256	451	
Light1	2022-02-23 19:38	7.7	5.03	20.15	6397	-1378	15165	-1908	-1191	-2807	21.7	68.3	266	473	
Light1	2022-02-23 19:38	7.7	5.01	19.99	6733	-372	15661	-1509	-1163	-2963	22.2	67.8	284	229	
Light1	2022-02-23 19:38	7.7	5.01	20	7819	-20	15129	-1411	-945	-3038	26.3	63.7	306	371	
Light1	2022-02-23 19:38	7.4	5.03	20.57	7363	370	15270	-989	-472	-3210	24.7	65.3	345	569	
Light1	2022-02-23 19:39	7	5.03	20.78	12183	11	12057	-2138	-137	-2781	44.7	45.3	1	430	
Light1	2022-02-23 19:39	7	5.03	20.75	12272	892	12044	-2260	-6	-2675	44.8	45.2	26	327	
Light1	2022-02-23 19:39	7	5.03	20.75	12271	1070	11696	-2389	195	-2541	45.6	44.4	44	548	
Light1	2022-02-23 19:39	6.7	5.03	20.6	12267	423	12174	-2577	586	-2248	44.6	45.4	67	570	
Light1	2022-02-23 19:39	6.7	5.03	20.52	11971	671	12387	-2848	584	-1962	43.3	46.7	90	494	
Light1	2022-02-23 19:39	6.4	5.03	20.46	11860	569	12184	-3077	510	-1709	43.5	46.5	105	459	
Light1	2022-02-23 19:39	6.4	5.03	20.52	12897	-977	12955	-3535	221	-1088	44.1	45.9	153	396	
Light1	2022-02-23 19:39	6.1	5.03	20.46	12609	-1153	11641	-3621	-48	-1027	46.7	43.3	186	507	
Light1	2022-02-23 19:39	6.1	5.03	20.46	12509	-941	10876	-3675	-182	-919	48.5	41.5	200	464	
Light1	2022-02-23 19:39	5.8	5.03	20.52	11414	-1015	12386	-3461	-729	-1453	42	48.0	238	553	
Light1	2022-02-23 19:40	5.8	5.03	20.42	12199	-1096	12085	-3302	-1052	-1643	44.6	45.4	258	488	
Light1	2022-02-23 19:40	5.4	5.03	20.46	12462	-120	11115	-3094	-1274	-1837	47.8	42.2	274	367	
Light1	2022-02-23 19:40	5.1	5.03	20.56	13421	-576	10247	-2589	-637	-2468	52.3	37.7	322	527	
Light1	2022-02-23 19:40	5.1	5.03	20.56	13478	-845	10632	-2603	-606	-2468	51.3	38.7	318	504	
Light1	2022-02-23 19:40	5.1	5.03	20.59	13522	-570	10414	-2626	-491	-2448	52.1	37.9	327	446	
Light1	2022-02-23 19:40	4.8	5.03	20.66	13374	-105	10800	-2464	-322	-2562	50.7	39.3	348	484	
Light1	2022-02-23 19:40	4.8	5.03	20.72	16430	-482	4810	-3485	-211	-1370	74.4	15.6	335	448	
Light1	2022-02-23 19:40	4.8	5.03	20.56	16249	47	4824	-3467	248	-1189	74.2	15.8	46	557	
Light1	2022-02-23 19:40	4.8	5.03	20.81	16459	484	4750	-3588	500	-704	74.5	15.5	78	591	
Light1	2022-02-23 19:40	4.5	5.03	20.76	16266	714	4973	-3708	519	-182	73.4	16.6	90	317	
Light1	2022-02-23 19:40	4.5	5.03	20.74	16057	-35	5920	-3841	286	126	70.3	19.7	99	513	
Light1	2022-02-23 19:40	4.5	5.03	20.77	16086	1643	5045	-3930	35	406	72.2	17.8	96	287	
Light1	2022-02-23 19:40	4.1	5.01	20.77	16455	580	4465	-3955	-173	850	75.4	14.6	310	545	
Light1	2022-02-23 19:40	4.1	5.03	20.69	16551	241	4142	-3946	-159	860	76.7	13.3	333	599	
Light1	2022-02-23 19:41	4.1	5.01	20.68	16267	846	3428	-3975	-674	1058	78.6	11.4	270	558	
Light1	2022-02-23 19:41	4.1	5.03	20.68	17298	-352	3639	-3977	-638	1007	78.8	11.2	271	587	
Light1	2022-02-23 19:41	4.1	5.01	20.66	16766	178	2896	-3980	-1020	570	81.2	8.8	271	470	
Light1	2022-02-23 19:41	4.1	5.03	20.72	16233	1658	3996	-3768	-1750	-60	75.7	14.3	283	512	
Light1	2022-02-23 19:41	4.1	5.01	20.77	16687	929	2444	-3825	-1498	-208	82	8.0	293	413	
Light1	2022-02-23 19:41	3.8	5.03	20.77	16752	369	2442	-3818	-1234	-476	82.7	7.3	293	303	
Light1	2022-02-23 19:41	3.8	5.01	20.77	16847	-75	2726	-3733	-705	-889	81.9	8.1	306	409	
Light1	2022-03-03 19:53	16.4	5.01	19.26	15389	-1026	11337	-2593	1170	-1751	53.1	36.9	63	479	
Light1	2022-03-03 19:53	16.4	5.03	20.04	788	709	17266	360	-428	-3086	1.4	88.6	351	591	
Light1	2022-03-03 19:53	16.4	5.03	20.04	770	255	16903	493	-301	-3087	1.4	88.6	354	508	
Light1	2022-03-03 19:53	16.4	5.03	21.07	7227	96	15511	-941	-307	-3153	23.9	66.1	351	552	
Light1	2022-03-03 19:53	16.4	5.03	21.07	8166	-61	15384	-1188	-264	-3104	26.9	63.1	351	455	
Light1	2022-03-03 19:53	16.4	5.03	21.01	9734	-73	14238	-1512	-265	-2993	33.4	56.6	352	506	
Light1	2022-03-03 19:53	16.4	5.03	21.09	11377	-22	12643	-1934	-294	-2823	41.3	48.7	351	390	
Light1	2022-03-03 19:53	16.4	5.03	21.09	13813	-96	9926	-2545	-306	-2407	54.1	35.9	349	288	
Light1	2022-03-03 19:53	16.4	5.03	21.29	15938	-254	6693	-3214	-330	-1699	67.6	22.4	337	521	
Light1	2022-03-03 19:53	16.4	5.03	21.27	2763	589	16932	-29	169	-3201	8.1	81.9	28	297	
Light1	2022-03-03 19:53	16.4	5.03	21.27	5009	465	16519	-522	178	-3214	15.7	74.3	28	429	
Light1	2022-03-03 19:53	16.4	5.03	21.27	6857	623	15488	-887	132	-3169	22.8	67.2	27	446	
Light1	2022-03-03 19:53	16.1	5.03	21.08	10324	704	13646	-1713	59	-2915	36.2	53.8	25	384	
Light1	2022-03-03 19:53	16.1	5.03	21.08	12032	934	12275	-2119	14	-2702	43.7	46.3	26	494	
Light1	2022-03-03 19:53	16.1	5.03	21.24	12815	1047	11186	-2357	-30	-2544	48.2	41.8	27	592	
Light1	2022-03-03 19:53	16.1	5.03	21.24	14984	754	8092	-2987	-6	-1956	61.6	28.4	31	383	
Light1	2022-03-03 19:54	16.1	5.03	21.43	3540	1164	17023	-350	275	-3214	10.6	79.4	44	488	
Light1	2022-03-03 19:54	16.1	5.03	20.95	8721	828	14385	-1445	289	-2995	30.2	59.8	40	170	
Light1	2022-03-03 19:54	16.1	5.03	21.12	12294	894	11941	-2286	238	-2564	45.1	44.9	41	323	
Light1	2022-03-03 19:54	16.1	5.03	21.12	13461	879	10535	-2565	226	-2327	51.5	38.5	42	592	
Light1	2022-03-03 19:54	16.1	5.01	21.12	14749	775	8801	-2943	197	-1961	59	31.0	45	341	
Light1	2022-03-03 19:54	16.1	5.03	21.17	2962	621	16751	-389	599	-3171	8.8	81.2	59	299	
Light1	2022-03-03 19:54	16.1	5.03	21.1	3982	656	17504	-735	560	-3136	12.1	77.9	65	524	
Light1	2022-03-03 19:54	16.1	5.01	21.1	6569	727	16032	-1179	556	-3040	21.1	68.9	60	192	
Light1	2022-03-03 19:54	16.1	5.03	21.04	9582	817	14176	-1818	498	-2799	33.1	56.9	55	454	
Light1	2022-03-03 19:54	16.1	5.03	21.04	9467	804	14233	-1793	508	-2803	32.6	57.4	56	597	
Light1	2022-03-03 19:54	15.7	5.03	21.04	9054	816	14019	-1815	540	-2790	31.9	58.1	60	506	
Light1	2022-03-03 19:54	15.7	5.03	21.18	11143	629	13387	-2226	504	-2534	38.9	51.1	61	385	
Light1	2022-03-03 19:54	15.7	5.03	21.18	13245	678	10455	-2671	488	-2147	51.3	38.7	57	585	
Light1	2022-03-03 19:54	15.7	5.01	21.32	15493	701	7530	-3308	415	-1338	64.1	25.9	71	351	
Light1	2022-03-03 19:54	15.7	5.03	21.32	15085	912	8511	-3197	425	-1530	60.4	29.6	71	586	
Light1	2022-03-03 19:54	15.7	5.03	21.41	1878	623	16394	-440	757	-3135	5.3	84.7	75	448	
Light1	2022-03-03 19:54	15.7	5.03	21.18	8014	614	15339	-1731	633	-2801	26.5	63.5	72	239	
Light1	2022-03-03 19:54	15.7	5.03	21.05	10928	737	13193	-2331	567	-2439	38.8	51.2	70	336	
Light1	2022-03-03 19:54	15.7	5.03	21.05	13057	657	10833	-2813	581	-1968	49.8	40.2	72	365	
Light1	2022-03-03 19:54	15.4	5.03	21.24	14568	917	8588	-3124	515	-1580	59.3	30.7	72	495	
Light1	2022-03-03 19:54	15.4	5.03	21.24	15240	637	7859	-3283	535	-1318	62.7	27.3	75	258	
Light1	2022-03-03 19:54	15.4	5.03	21.33	1541	484	17019	-677	796	-3095	4	86.0	91	380	
Light1	2022-03-03 19:54	15.4	5.03	21.33	5986	535	15641	-1559	692	-2873	19.8	70.2	85	238	
Light1	2022-03-03 19:5														

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-03-03 19:54	15.4	5.01	20.84	12876	897	10881	-2892	591	-1873	49.2	40.8	79	477	
Light1	2022-03-03 19:54	15.1	5.03	21.15	13545	629	10450	-3094	585	-1610	51.9	38.1	85	323	
Light1	2022-03-03 19:54	15.1	5.03	21.32	15315	682	8011	-3433	544	-1000	62.4	27.6	87	368	
Light1	2022-03-03 19:54	15.1	5.01	21.32	15036	556	7622	-3408	562	-1051	63.2	26.8	84	173	
Light1	2022-03-03 19:54	15.1	5.01	21.24	2391	663	16545	-1187	718	-3000	7	83.0	107	505	
Light1	2022-03-03 19:54	15.1	5.03	21.24	2068	196	17030	-1112	729	-3020	5.8	84.2	109	528	
Light1	2022-03-03 19:54	15.1	5.03	20.92	6015	452	15895	-1906	639	-2706	19.6	70.4	106	441	
Light1	2022-03-03 19:54	15.1	5.03	20.65	7846	610	14584	-2145	642	-2543	27.2	62.8	95	594	
Light1	2022-03-03 19:55	15.1	5.01	20.65	9533	646	14323	-2515	577	-2286	32.7	57.3	101	257	
Light1	2022-03-03 19:55	15.1	5.01	20.65	10017	791	13911	-2643	563	-2164	34.8	55.2	102	179	
Light1	2022-03-03 19:55	15.1	5.03	20.87	11502	774	12729	-2868	557	-1914	41.3	48.7	98	413	
Light1	2022-03-03 19:55	15.1	5.01	20.87	11249	441	13053	-2886	579	-1884	40	50.0	103	434	
Light1	2022-03-03 19:55	15.1	5.03	20.87	14453	486	11333	-3365	560	-1151	51.4	38.6	104	487	
Light1	2022-03-03 19:55	15.1	5.03	21.1	14520	436	8963	-3422	548	-1023	58.2	31.8	94	333	
Light1	2022-03-03 19:55	14.8	5.01	21.1	16158	851	5904	-3664	493	-301	70.1	19.9	91	473	
Light1	2022-03-03 19:55	14.8	5.03	21.33	388	-116	17205	-894	769	-3069	0.1	89.9	116	421	
Light1	2022-03-03 19:55	14.8	5.03	21.29	4811	35	15543	-1714	699	-2787	16.1	73.9	108	454	
Light1	2022-03-03 19:55	14.8	5.01	21.29	5029	178	16373	-1834	678	-2750	15.9	74.1	114	513	
Light1	2022-03-03 19:55	14.5	5.01	20.85	8846	192	14498	-2519	602	-2271	30.4	59.6	109	571	
Light1	2022-03-03 19:55	14.5	5.03	20.9	11774	-213	12381	-2995	660	-1709	42.9	47.1	103	399	
Light1	2022-03-03 19:55	14.5	5.03	21.1	14140	-615	9713	-3400	699	-935	55.3	34.7	100	579	
Light1	2022-03-03 19:55	14.1	5.03	22.3	14768	-336	8087	-3524	621	-699	61.4	28.6	96	468	
Light1	2022-03-03 19:55	13.8	5.03	21.42	2240	-270	17144	-1660	522	-2887	6.3	83.7	142	550	
Light1	2022-03-03 19:55	13.8	5.03	21.42	6787	-312	15464	-2458	450	-2397	22.6	67.4	138	470	
Light1	2022-03-03 19:55	13.8	5.03	21.1	7989	-673	15309	-2690	473	-2162	26.5	63.5	140	574	
Light1	2022-03-03 19:55	13.5	5.03	21.1	10434	-160	12946	-3075	371	-1765	38.1	51.9	130	351	
Light1	2022-03-03 19:55	13.5	5.03	20.98	11947	-193	11582	-3286	378	-1435	45.4	44.6	122	282	
Light1	2022-03-03 19:55	13.5	5.01	20.98	12979	-64	11002	-3489	321	-1049	49.3	40.7	126	573	
Light1	2022-03-03 19:55	13.5	5.01	20.98	14912	-349	8295	-3678	352	-501	61	29.0	110	294	
Light1	2022-03-03 19:55	13.2	5.03	21.13	15009	-357	8092	-3730	345	-296	61.8	28.2	111	293	
Light1	2022-03-03 19:55	13.2	5.01	21.13	15938	-45	5288	-3821	275	300	72.3	17.7	96	365	
Light1	2022-03-03 19:55	13.2	5.01	21.13	16378	-112	4563	-3832	284	581	75.2	14.8	90	531	
Light1	2022-03-03 19:56	13.2	5.01	21.22	918	276	16913	-1609	178	-2961	1.9	88.1	159	597	
Light1	2022-03-03 19:56	13.2	5.03	21.22	623	-37	16569	-1480	222	-3012	0.9	89.1	159	387	
Light1	2022-03-03 19:56	13.2	5.01	20.95	3718	-248	16636	-2106	180	-2704	11.4	78.6	162	483	
Light1	2022-03-03 19:56	13.2	5.03	20.95	5209	271	16184	-2427	135	-2488	16.7	73.3	159	384	
Light1	2022-03-03 19:56	13.2	5.01	20.83	6711	-75	15681	-2645	107	-2307	22.1	67.9	162	181	
Light1	2022-03-03 19:56	12.8	5.01	20.8	9731	488	14480	-3163	23	-1752	32.9	57.1	159	529	
Light1	2022-03-03 19:56	12.8	5.01	20.89	9920	39	13587	-3152	36	-1751	35.3	54.7	161	411	
Light1	2022-03-03 19:56	12.8	5.03	20.89	12896	-240	11331	-3601	41	-930	48.2	41.8	159	439	
Light1	2022-03-03 19:56	12.8	5.03	21.02	12911	-78	11056	-3601	33	-939	49	41.0	156	390	
Light1	2022-03-03 19:56	12.8	5.03	21.1	14777	79	8262	-3836	-18	-170	60.9	29.1	145	541	
Light1	2022-03-03 19:56	12.5	5.03	20.92	898	-854	16763	-1610	91	-2977	1.8	88.2	176	472	
Light1	2022-03-03 19:56	12.5	5.03	20.87	5864	-718	15693	-2552	-42	-2409	19.4	70.6	182	446	
Light1	2022-03-03 19:56	12.5	5.01	20.55	5404	-437	16740	-2519	-76	-2440	16.7	73.3	180	317	
Light1	2022-03-03 19:56	12.5	5.03	20.65	10289	-444	13581	-3298	-171	-1592	36.3	53.7	188	182	
Light1	2022-03-03 19:56	12.5	5.03	20.65	10289	-430	13502	-3307	-178	-1578	36.5	53.5	188	300	
Light1	2022-03-03 19:56	12.2	5.03	20.83	13163	-148	10974	-3689	-262	-812	49.8	40.2	197	323	
Light1	2022-03-03 19:56	12.2	5.03	20.99	13503	-268	10623	-3718	-235	-706	51.5	38.5	196	432	
Light1	2022-03-03 19:56	12.2	5.03	20.99	15784	-230	6877	-3932	-283	310	66.8	23.2	238	437	
Light1	2022-03-03 19:56	12.2	5.01	21.02	15831	-343	6440	-3930	-289	332	68.3	21.7	244	277	
Light1	2022-03-03 19:56	12.2	5.03	21.02	11361	1390	12064	-3581	-331	-1087	42.4	47.6	178	272	
Light1	2022-03-03 19:56	12.2	5.03	21.01	712	-832	17447	-1641	-305	-2958	1.1	88.9	196	379	
Light1	2022-03-03 19:56	12.2	5.03	21.01	172	2060	17670	-20248	4492	386	-0.7	90.7	87	-31556	
Light1	2022-03-03 19:56	12.2	5.03	21.18	5055	-964	16335	-2379	-300	-2547	16	74.0	201	577	
Light1	2022-03-03 19:56	12.2	5.03	21.18	6552	-883	15329	-2664	-371	-2329	22	68.0	206	487	
Light1	2022-03-03 19:56	11.9	5.01	21.18	8710	-602	14934	-3045	-453	-1932	29.2	60.8	208	470	
Light1	2022-03-03 19:56	11.9	5.03	20.85	10810	-667	13230	-3347	-488	-1524	38.5	51.5	218	546	
Light1	2022-03-03 19:56	11.9	5.03	20.85	12602	-939	11575	-3583	-494	-1083	46.9	43.1	228	440	
Light1	2022-03-03 19:56	11.9	5.03	20.89	12761	-496	11440	-3679	-541	-887	47.6	42.4	226	226	
Light1	2022-03-03 19:56	11.9	5.03	20.89	13010	-492	11832	-3687	-526	-852	47.2	42.8	224	526	
Light1	2022-03-03 19:56	11.9	5.01	20.89	16100	-477	6125	-3950	-615	416	69.6	20.4	266	457	
Light1	2022-03-03 19:56	11.6	5.03	20.98	16221	-477	5405	-3957	-624	587	72.2	17.8	271	171	
Light1	2022-03-03 19:56	11.6	5.03	21.25	1505	-588	17182	-1610	-693	-2920	3.8	86.2	216	438	
Light1	2022-03-03 19:56	11.6	5.03	21.25	1881	-494	17148	-1672	-738	-2896	5.1	84.9	218	373	
Light1	2022-03-03 19:56	11.6	5.03	21.25	7333	-131	15773	-2638	-867	-2273	23.8	66.2	228	355	
Light1	2022-03-03 19:56	11.6	5.03	21.31	7504	20	15216	-2700	-856	-2232	25.2	64.8	227	373	
Light1	2022-03-03 19:57	11.6	5.03	21.31	11064	-331	12297	-3247	-883	-1618	41.3	48.7	245	478	
Light1	2022-03-03 19:57	11.6	5.03	21.01	12333	-178	11940	-3477	-922	-1240	45.4	44.6	245	332	
Light1	2022-03-03 19:57	11.6	5.01	21.01	15025	-296	7812	-3841	-947	-276	62.7	27.3	262	481	
Light1	2022-03-03 19:57	11.6	5.03	20.98	15163	-275	7788	-3847	-948	-245	63	27.0	262	393	
Light1	2022-03-03 19:57	11.2	5.01	21.03	16530	-175	4266	-3935	-1006	631	76.4	13.6	270	494	
Light1	2022-03-03 19:57	11.2	5.03	21.03	16539	-6	3839	-3933	-1038	639	77.8	12.2	270	400	
Light1	2022-03-03 19:57	11.2	5.03	21.13	1175	4	16671	-1327	-999	-2933	2.8	87.2	231	557	
Light1	2022-03-03 19:57	11.2	5.03	21.13	2816	-604	17107	-1661	-860	-2868	8.2	81.8	231	384	
Light1	2022-03-03 19:57	11.2	5.03	21.13	6692	-154	15548	-2395	-971	-2452	22.2	67.8	237	406	
Light1	2022-03-03 19:57	10.9	5.03	20.92	7822	-487	14954	-2578	-993	-2304	26.6	63.4	243	511	
Light1	2022-03-03 19:57	10.9	5.01	20.92	9776	-129	14768	-2961	-1041	-1933	32.5	57.5	241	472	
Light1	2022-03-03 19:57	10.9	5.01	20.92	11517	-286	12439	-3220	-1072	-1610	42.1	47.9	253	292	
Light1	2022-03-03 19:57	10.9	5.03	20.98	11712	-298	11995	-3252	-1076	-1548	43.7	46.3	254	341	
Light1	2022-03-03 19:57	10.9	5.01	20.98	14728	-36	8754	-3667	-1147	-745	59.3	30.7	265	405	
Light1	2022-03-03 19:57	10.9	5.01	20.99	14579	-161	8949	-3682	-1154	-694					

ID	Local Date & Time	MSAS												Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz							
Light1	2022-03-03 19:57	10.3	5.01	20.94	12413	-518	11659	-3119	-1197	-1705	46.3	43.7	267	342			
Light1	2022-03-03 19:57	10.3	5.03	20.94	12547	-521	11630	-3135	-1156	-1697	46.6	43.4	267	379			
Light1	2022-03-03 19:57	10.3	5.03	20.94	15502	-542	7146	-3696	-1230	-638	65.5	24.5	272	594			
Light1	2022-03-03 19:57	10.3	5.03	20.98	15487	-572	6587	-3712	-1237	-591	67.3	22.7	273	149			
Light1	2022-03-03 19:57	10.3	5.01	20.98	356	-570	16109	-404	-978	-3035	0	90.0	271	353			
Light1	2022-03-03 19:57	9.9	5.01	21.72	7652	-1020	14916	-1937	-978	-2710	26.1	63.9	274	282			
Light1	2022-03-03 19:57	9.9	5.01	21.15	9157	-1162	14419	-2254	-1006	-2521	31.4	58.6	273	501			
Light1	2022-03-03 19:57	9.9	5.03	21.15	12101	-846	11763	-2792	-1050	-2098	45.2	44.8	280	570			
Light1	2022-03-03 19:57	9.9	5.03	20.95	12068	-1176	11961	-2841	-1002	-2071	44.6	45.4	276	375			
Light1	2022-03-03 19:57	9.9	5.03	20.95	12254	-1271	11952	-2881	-1003	-2025	45	45.0	275	231			
Light1	2022-03-03 19:58	9.6	5.03	20.97	15143	-705	7930	-3482	-1157	-1165	62.4	27.6	277	194			
Light1	2022-03-03 19:58	9.6	5.03	20.97	15106	-945	8294	-3470	-1142	-1184	61.2	28.8	276	591			
Light1	2022-03-03 19:58	9.6	5.03	21.02	16663	-498	4061	-3789	-1246	-323	77.1	12.9	276	468			
Light1	2022-03-03 19:58	9.6	5.03	21.37	78	-681	17161	-82	-835	-3067	-1	91.0	288	281			
Light1	2022-03-03 19:58	9.3	5.03	21.37	6880	-627	15806	-1438	-913	-2923	22.4	67.6	290	250			
Light1	2022-03-03 19:58	9.3	5.03	21.63	11736	-164	12633	-2490	-1073	-2359	42.2	47.8	291	222			
Light1	2022-03-03 19:58	9.3	5.03	21.18	11788	-103	12309	-2499	-1091	-2338	43.1	46.9	293	226			
Light1	2022-03-03 19:58	9.3	5.03	21.18	14824	-120	8491	-3243	-1162	-1561	60.2	29.8	288	451			
Light1	2022-03-03 19:58	9.3	5.03	21.1	16398	-160	4627	-3633	-1156	-843	75	15.0	286	517			
Light1	2022-03-03 19:58	9	5.03	21.1	16492	-345	4228	-3677	-1122	-764	76.4	13.6	285	374			
Light1	2022-03-03 19:58	9	5.03	21.11	16317	-206	5244	-3606	-1137	-910	72.8	17.2	285	535			
Light1	2022-03-03 19:58	9	5.03	21.18	2138	-181	17069	-218	-757	-3096	6	84.0	310	417			
Light1	2022-03-03 19:58	9	5.03	21.18	1940	-260	16833	-75	-684	-3109	5.4	84.6	318	199			
Light1	2022-03-03 19:58	9	5.03	21.18	6808	-229	16072	-1110	-673	-3084	21.8	68.2	316	577			
Light1	2022-03-03 19:58	9	5.03	21.4	8954	-249	14481	-1598	-733	-2920	30.8	59.2	316	360			
Light1	2022-03-03 19:58	9	5.03	21.4	8861	-181	14461	-1581	-751	-2925	30.5	59.5	316	449			
Light1	2022-03-03 19:58	9	5.03	20.98	12435	42	11257	-2439	-813	-2451	47.4	42.6	317	499			
Light1	2022-03-03 19:58	9	5.01	20.98	12999	-173	11165	-2554	-801	-2367	48.9	41.1	313	125			
Light1	2022-03-03 19:58	9	5.03	20.98	13009	-244	11067	-2568	-805	-2358	49.2	40.8	312	327			
Light1	2022-03-03 19:58	8.7	5.03	21.03	15703	-88	6898	-3339	-905	-1490	66.6	23.4	300	390			
Light1	2022-03-03 19:58	8.7	5.03	21.03	15792	-86	6144	-3374	-923	-1447	69.2	20.8	303	395			
Light1	2022-03-03 19:58	8.7	5.03	21.14	16902	-225	3196	-3593	-902	-1027	80.3	9.7	300	486			
Light1	2022-03-03 19:58	8.7	5.03	21.14	16747	10	3298	-3665	-954	-848	79.9	10.1	297	347			
Light1	2022-03-03 19:58	8.7	5.03	21.26	-266	-313	17227	583	-217	-3059	-2.2	92.2	352	500			
Light1	2022-03-03 19:58	8.3	5.03	21.25	9211	123	14327	-1397	-419	-3051	31.8	58.2	345	298			
Light1	2022-03-03 19:58	8.3	5.01	20.97	8863	275	14143	-1418	-447	-3037	31.1	58.9	345	447			
Light1	2022-03-03 19:58	8.3	5.03	20.97	9284	503	14055	-1481	-433	-3012	32.5	57.5	350	537			
Light1	2022-03-03 19:58	8.3	5.03	20.97	11535	415	12624	-1873	-471	-2851	41.7	48.3	349	442			
Light1	2022-03-03 19:58	8.3	5.03	21.01	12571	438	11565	-2308	-529	-2596	46.8	43.2	343	278			
Light1	2022-03-03 19:58	8.3	5.03	21.01	14287	360	8622	-2661	-545	-2323	58.9	31.1	345	519			
Light1	2022-03-03 19:58	8.3	5.03	21.01	14999	527	8087	-2973	-595	-2021	61.7	28.3	341	376			
Light1	2022-03-03 19:58	8.3	5.03	21.19	16591	682	3610	-3586	-684	-1108	78.4	11.6	343	209			
Light1	2022-03-03 19:58	8	5.03	21.19	16770	865	1481	-3768	-722	-629	85.1	4.9	43	335			
Light1	2022-04-27 22:52	15.4	5.03	19.99	2598	725	16982	37	-277	-3037	7.5	82.5	2	377			
Light1	2022-04-27 22:52	15.4	5.03	19.89	7710	776	15082	-1068	-343	-2996	26	64.0	359	310			
Light1	2022-04-27 22:52	15.1	5.03	19.98	7993	1132	15126	-1063	-347	-2984	26.7	63.3	4	378			
Light1	2022-04-27 22:52	15.1	5.03	20.09	10685	715	13637	-1733	-368	-2777	37.2	52.8	358	376			
Light1	2022-04-27 22:52	15.1	5.03	20.09	10402	124	13091	-1730	-336	-2785	37.7	52.3	351	398			
Light1	2022-04-27 22:53	15.1	5.03	20.81	13099	98	11201	-2373	-303	-2436	49	41.0	351	581			
Light1	2022-04-27 22:53	15.4	5.03	21.25	16123	1154	5667	-3334	-564	-1456	70.7	19.3	3	563			
Light1	2022-04-27 22:53	15.1	5.03	20.22	3505	1705	16676	-266	-1	-3075	10.6	79.4	33	494			
Light1	2022-04-27 22:53	15.1	5.03	20.21	10536	1495	13172	-1827	-70	-2746	37.6	52.4	31	305			
Light1	2022-04-27 22:53	15.1	5.03	21.3	13790	1246	9697	-2707	-106	-2151	54.4	35.6	33	523			
Light1	2022-04-27 22:53	15.1	5.03	21.3	16647	388	3585	-3572	-53	-957	78.7	11.3	40	339			
Light1	2022-04-27 22:53	15.1	5.03	21.3	15876	1394	5685	-3372	-121	-1374	70.1	19.9	52	522			
Light1	2022-04-27 22:53	15.1	5.03	21.11	1173	1454	17285	-40	328	-3051	2.7	87.3	56	476			
Light1	2022-04-27 22:53	15.1	5.03	20.92	7959	1223	15032	-1463	271	-2860	26.8	63.2	52	319			
Light1	2022-04-27 22:53	15.1	5.03	20.67	11840	1041	12202	-2338	258	-2387	43.4	46.6	54	434			
Light1	2022-04-27 22:53	15.1	5.03	21.23	15600	1174	6479	-3351	196	-1313	67.4	22.6	67	494			
Light1	2022-04-27 22:53	15.1	5.03	21.23	16826	1241	2861	-3689	138	-592	80.3	9.7	79	335			
Light1	2022-04-27 22:53	15.1	5.03	21.56	16022	-1335	5129	-3369	516	-1086	72.4	17.6	28	566			
Light1	2022-04-27 22:53	15.1	5.03	21.39	1901	2179	16649	-331	364	-3066	5.3	84.7	68	136			
Light1	2022-04-27 22:53	15.1	5.03	21.26	11369	1998	12862	-2361	211	-2394	40.3	49.7	69	245			
Light1	2022-04-27 22:53	15.1	5.03	21.25	11189	1952	12274	-2367	217	-2388	41.2	48.8	67	311			
Light1	2022-04-27 22:53	15.1	5.03	21.25	11392	1776	12764	-2363	227	-2396	40.7	49.3	67	436			
Light1	2022-04-27 22:53	14.8	5.03	21.37	14939	933	8358	-3124	361	-1573	60.6	29.4	67	215			
Light1	2022-04-27 22:53	14.8	5.03	21.37	16574	492	4046	-3596	388	-674	77	13.0	75	470			
Light1	2022-04-27 22:54	14.8	5.03	21.59	-109	2130	17006	-295	459	-3043	-1.6	91.6	88	447			
Light1	2022-04-27 22:54	14.8	5.03	21.59	5908	1052	16593	-1464	534	-2808	18.4	71.6	86	363			
Light1	2022-04-27 22:54	14.8	5.03	22.05	8141	1793	15236	-1962	411	-2609	26.9	63.1	88	442			
Light1	2022-04-27 22:54	14.8	5.03	21.17	13713	1272	10772	-3110	418	-1586	51.2	38.8	89	439			
Light1	2022-04-27 22:54	14.8	5.03	21.17	16344	1326	5085	-3671	362	-467	72.6	17.4	88	278			
Light1	2022-04-27 22:54	14.8	5.03	21.57	-909	1629	16776	-341	574	-3021	-4.3	94.3	99	390			
Light1	2022-04-27 22:54	14.8	5.03	21.57	1917	926	16626	-900	595	-2952	5.4	84.6	99	404			
Light1	2022-04-27 22:54	14.5	5.03	21.87	12163	1134	11416	-3061	415	-1648	46.1	43.9	99	277			
Light1	2022-04-27 22:54	14.5	5.03	21.87	13904	1114	9856	-3302	361	-1314	54.2	35.8	95	433			
Light1	2022-04-27 22:54	14.5	5.03	21.74	15667	1226	7251	-3618	416	-583	65	25.0	94	462			
Light1	2022-04-27 22:54	14.5	5.03	21.74	16337	1470	3438	-3824	311	256	77.8	12.2	90	590			
Light1	2022-04-27 22:54	14.5	5.03	21.61	6904	1678	14888	-2259	542	-2379	23.7	66.3	111	572			
Light1	2022-04-27 22:54	14.5	5.03	21.61	3320	-522	16785	-1497	779	-2716	10	80.0	118	486			
Light1	2022-04-27 22:54	14.5	5.03	21.6	10017	-311	13792	-2778	622	-1888	35.1	54.9	115	320			
Light1	2022-04-27 22:54	14.5	5.03	21.31	10173	-267	13919	-2839	601	-1835	35.3						

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-04-27 22:54	14.1	5.03	21.73	1869	-651	17045	-1569	493	-2777	5.1	84.9	147	339	
Light1	2022-04-27 22:55	14.1	5.03	21.73	7198	-504	15118	-2578	383	-2177	24.4	65.6	145	266	
Light1	2022-04-27 22:55	14.1	5.03	21.58	10591	-316	13161	-3078	316	-1669	38.1	51.9	137	497	
Light1	2022-04-27 22:55	14.1	5.03	21.58	11803	-285	12402	-3321	324	-1304	42.9	47.1	135	357	
Light1	2022-04-27 22:55	14.1	5.03	21.58	13823	12	9988	-3558	243	-883	53.9	36.1	124	217	
Light1	2022-04-27 22:55	14.1	5.03	21.58	14154	-14	9544	-3678	220	-582	55.8	34.2	126	420	
Light1	2022-04-27 22:55	14.1	5.03	21.42	16584	220	3988	-3883	119	701	77.3	12.7	87	506	
Light1	2022-04-27 22:55	13.8	5.03	21.42	16382	457	4578	-3890	114	655	75	15.0	87	450	
Light1	2022-04-27 22:55	13.8	5.03	21.54	2787	690	16785	-1900	-28	-2727	8.2	81.8	164	566	
Light1	2022-04-27 22:55	13.8	5.03	21.54	3547	720	15905	-2049	46	-2629	11.4	78.6	158	443	
Light1	2022-04-27 22:55	13.8	5.03	21.57	3199	-554	17666	597	4564	396	9.5	80.5	88	404	
Light1	2022-04-27 22:55	13.8	5.03	21.55	9418	-1122	14418	-3040	252	-1749	32.2	57.8	161	286	
Light1	2022-04-27 22:55	13.8	5.03	21.23	13304	-854	10703	-3633	152	-732	50.8	39.2	152	206	
Light1	2022-04-27 22:55	13.8	5.03	21.23	16353	-921	5069	-3886	102	636	73.2	16.8	91	324	
Light1	2022-04-27 22:55	13.5	5.03	21.55	1486	-830	16898	-1706	153	-2793	3.8	86.2	172	578	
Light1	2022-04-27 22:55	13.5	5.03	21.7	1194	20490	17672	30444	4474	394	2.2	87.8	123	26812	
Light1	2022-04-27 22:55	13.5	5.03	21.09	8711	-1259	14319	-2979	45	-1868	30.3	59.7	181	239	
Light1	2022-04-27 22:55	13.5	5.03	21.09	9396	-605	14117	-3146	-50	-1703	32.7	57.3	179	385	
Light1	2022-04-27 22:55	13.5	5.03	21.25	11952	-1399	11950	-3552	-14	-1036	44.3	45.7	185	284	
Light1	2022-04-27 22:55	13.5	5.03	21.25	15308	-77	7451	-3925	-272	117	64.3	25.7	220	545	
Light1	2022-04-27 22:55	13.5	5.03	21.48	16929	686	3204	-3944	-423	1099	79.9	10.1	271	502	
Light1	2022-04-27 22:55	13.2	5.03	21.47	1416	-358	16775	-1765	-477	-2790	3.6	86.4	201	489	
Light1	2022-04-27 22:55	13.2	5.03	21.81	2438	404	17183	-2008	-605	-2666	7	83.0	199	511	
Light1	2022-04-27 22:55	13.2	5.03	21.58	10198	1429	12649	-3261	-812	-1585	37.9	52.1	217	300	
Light1	2022-04-27 22:56	13.2	5.03	21.26	9808	802	14064	-3220	-740	-1638	33.9	56.1	215	591	
Light1	2022-04-27 22:56	13.2	5.03	21.26	9785	410	14174	-3242	-731	-1611	33.7	56.3	217	441	
Light1	2022-04-27 22:56	12.8	5.03	21.38	12854	-150	11610	-3708	-601	-785	47.4	42.6	226	522	
Light1	2022-04-27 22:56	12.8	5.01	21.38	16133	-825	5699	-3982	-670	464	71	19.0	269	446	
Light1	2022-04-27 22:56	12.8	5.03	21.51	17114	-1436	3013	-3948	-669	1120	79.9	10.1	263	584	
Light1	2022-04-27 22:56	12.5	5.03	22.4	2109	-1120	16677	-1626	-790	-2799	6	84.0	228	426	
Light1	2022-04-27 22:56	12.2	5.03	22.04	7797	-807	15606	-2671	-901	-2184	25.5	64.5	235	459	
Light1	2022-04-27 22:56	12.2	5.03	22.04	12245	-476	12010	-3411	-1052	-1295	45	45.0	251	396	
Light1	2022-04-27 22:56	12.2	5.03	21.42	14716	49	9134	-3749	-1175	-557	58.1	31.9	262	462	
Light1	2022-04-27 22:56	12.2	5.03	21.42	16675	58	4560	-3940	-1207	404	75.4	14.6	271	510	
Light1	2022-04-27 22:56	12.2	5.03	21.42	16535	-4	4936	-3934	-1204	397	74.1	15.9	270	319	
Light1	2022-04-27 22:56	11.9	5.03	21.5	-679	-283	16642	-761	-998	-2936	-3.6	93.6	239	325	
Light1	2022-04-27 22:56	11.9	5.03	21.5	-801	-801	16913	-781	-915	-2949	-4	94.0	238	543	
Light1	2022-04-27 22:56	11.9	5.03	21.5	7744	-538	15584	-2325	-1125	-2375	25.4	64.6	253	335	
Light1	2022-04-27 22:56	11.9	5.03	22.36	12235	-304	11740	-3117	-1269	-1636	45.6	44.4	266	529	
Light1	2022-04-27 22:56	11.9	5.03	21.42	12179	-109	11815	-3181	-1190	-1589	45.3	44.7	261	541	
Light1	2022-04-27 22:57	11.9	5.03	21.39	15405	-324	7781	-3683	-1373	-599	63.4	26.6	270	489	
Light1	2022-04-27 22:57	11.6	5.03	21.39	16428	631	2234	-3903	-1392	702	83	7.0	274	508	
Light1	2022-04-27 22:57	11.6	5.03	21.52	-266	-451	17080	-412	-1072	-2917	-2.1	92.1	264	180	
Light1	2022-04-27 22:57	11.6	5.03	21.52	6927	-1429	15569	-1894	-982	-2649	22.8	67.2	266	421	
Light1	2022-04-27 22:57	11.6	5.03	22.37	7385	-1799	14987	-1961	-1069	-2590	25.1	64.9	269	554	
Light1	2022-04-27 22:57	11.6	5.03	22.37	12369	-585	12056	-2859	-1109	-1963	45.1	44.9	276	410	
Light1	2022-04-27 22:57	11.2	5.03	21.27	14809	-512	8194	-3494	-1233	-1099	61.1	28.9	275	383	
Light1	2022-04-27 22:57	11.2	5.03	21.4	17101	-14	2718	-3873	-1370	87	82	8.0	276	384	
Light1	2022-04-27 22:57	11.2	5.03	21.68	-1295	-192	17118	425	-793	-2883	-5.6	95.6	306	565	
Light1	2022-04-27 22:57	11.2	5.03	21.68	-1004	-760	16730	384	-772	-2893	-4.7	94.7	303	531	
Light1	2022-04-27 22:57	11.2	5.03	21.68	-205	-342	17826	170	-867	-2927	-2	92.0	300	528	
Light1	2022-04-27 22:57	11.2	5.03	21.83	7516	-511	15030	-1413	-911	-2852	25.5	64.5	301	322	
Light1	2022-04-27 22:57	10.9	5.03	20.57	7955	-520	15106	-1506	-929	-2816	26.7	63.3	300	561	
Light1	2022-04-27 22:57	10.9	5.03	20.58	11763	-103	12372	-2274	-987	-2440	42.9	47.1	304	353	
Light1	2022-04-27 22:57	10.9	5.03	20.58	13436	-987	10580	-2832	-905	-2026	51.4	38.6	291	241	
Light1	2022-04-27 22:57	10.9	5.03	20.58	13680	-190	10503	-2858	-946	-2005	52.2	37.8	296	520	
Light1	2022-04-27 22:57	10.9	5.03	21.04	15577	-115	6905	-3390	-1139	-1323	66.4	23.6	290	588	
Light1	2022-04-27 22:57	10.9	5.03	21.19	2451	-629	16506	-81	-532	-3041	7.2	82.8	326	332	
Light1	2022-04-27 22:57	10.9	5.03	21.19	1977	-685	16708	-38	-550	-3030	5.5	84.5	322	508	
Light1	2022-04-27 22:57	10.9	5.03	21.44	1961	-860	16927	-46	-565	-3024	5.4	84.6	319	240	
Light1	2022-04-27 22:57	10.9	5.03	20.95	10916	-310	13307	-1981	-606	-2675	38.6	51.4	322	423	
Light1	2022-04-27 22:57	10.9	5.03	20.68	10444	-1515	13502	-1903	-479	-2729	36.8	53.2	314	372	
Light1	2022-04-27 22:57	10.6	5.03	20.74	12764	-805	10982	-2477	-565	-2380	48.8	41.2	317	449	
Light1	2022-04-27 22:58	10.6	5.03	21.41	14846	-1187	7916	-3078	-529	-1821	61.9	28.1	306	538	
Light1	2022-04-27 22:58	10.6	5.03	21.41	16796	-156	1735	-3814	-795	-538	85.4	4.6	292	498	
Light1	2022-04-27 22:58	10.6	5.03	20.65	654	-580	17017	408	-175	-2991	1	89.0	351	357	
Light1	2022-04-27 22:58	10.3	5.03	20.6	8928	642	14677	-1396	-453	-2930	30.3	59.7	350	487	
Light1	2022-04-27 22:58	10.3	5.03	20.1	9571	-567	13806	-1578	-415	-2868	33.9	56.1	335	523	
Light1	2022-04-27 22:58	10.3	5.03	20.36	14650	-1379	8300	-2865	-310	-2052	60.3	29.7	321	526	
Light1	2022-04-27 22:58	10.3	5.03	21.04	15126	-419	7822	-2928	-352	-1989	62.8	27.2	336	345	
Light1	2022-04-27 22:58	10.3	5.03	21.04	16706	-450	2374	-3738	-491	-735	83	7.0	297	558	
Light1	2022-04-27 22:58	10.3	5.03	21.5	16750	-82	-67	-3906	-510	-197	88.1	1.9	119	595	
Light1	2022-04-27 22:58	10.3	5.03	21.5	17187	-502	281	-3873	-508	-306	88.3	1.7	257	313	
Light1	2022-04-27 22:58	10.3	5.03	20.19	284	194	17119	542	-91	-2966	-0.3	90.3	6	586	
Light1	2022-05-24	22.5	5.03	21.34	2361	76	16814	169	1	-3058	6.8	83.2	10	532	
Light1	2022-05-24	22.5	5.04	20.96	6476	73	15776	-724	-79	-3073	21.2	68.8	6	391	
Light1	2022-05-24	22.5	5.04	20.96	6894	-118	16061	-828	-47	-3066	22.1	67.9	5	546	
Light1	2022-05-24	22.5	5.04	20.77	9422	-222	14161	-1444	-53	-2922	37.7	57.3	3	485	
Light1	2022-05-24	22.5	5.04	20.93	9768	-10	13675	-1497	-85	-2897	34.7	55.3	4	522	
Light1	2022-05-24	22.5	5.04	20.93	12066	103	12151	-2078	-115	-2631	44.2	45.8	5	391	
Light1															

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-05-24	22.5	5.03	21.51	1910	761	16885	216	232	-3046	5.2	84.8	31	384	
Light1	2022-05-24	22.2	5.03	20.81	6658	769	15972	-798	172	-3066	21.5	68.5	30	582	
Light1	2022-05-24	22.2	5.04	21.02	9998	463	13469	-1656	153	-2831	35.7	54.3	26	530	
Light1	2022-05-24	22.2	5.03	21.08	12953	614	10866	-2318	86	-2463	49.5	40.5	26	446	
Light1	2022-05-24	22.2	5.04	21.08	14354	644	8947	-2766	28	-2101	57.9	32.1	28	597	
Light1	2022-05-24	22.2	5.03	21.31	15906	609	6523	-3187	19	-1630	67.9	22.1	34	360	
Light1	2022-05-24	22.2	5.03	21.47	16804	669	3121	-3580	6	-952	80.2	9.8	54	378	
Light1	2022-05-24	22.2	5.03	21.47	14091	1020	9297	-3254	48	-1548	56.2	33.8	79	559	
Light1	2022-05-24	21.9	5.03	21.47	2793	427	16703	-68	417	-3070	8.3	81.7	39	427	
Light1	2022-05-24	21.9	5.03	21.37	3055	243	16728	-122	444	-3064	9.2	80.8	39	483	
Light1	2022-05-24	21.9	5.03	20.93	9231	551	14324	-1456	345	-2880	31.8	58.2	37	498	
Light1	2022-05-24	21.9	5.03	20.96	12861	448	11516	-2326	328	-2428	47.6	42.4	39	526	
Light1	2022-05-24	21.9	5.03	21.2	14551	180	9436	-2778	320	-2037	56.9	33.1	40	565	
Light1	2022-05-24	21.9	5.03	21.36	14675	275	8894	-2871	296	-1948	58.7	31.3	42	111	
Light1	2022-05-24	21.5	5.03	21.46	15923	333	5774	-3274	254	-1435	70.6	19.4	46	363	
Light1	2022-05-24	21.5	5.03	21.51	16906	476	1854	-3646	192	-685	84.7	5.3	68	451	
Light1	2022-05-24	21.5	5.03	21.48	3172	1060	16543	-423	541	-3063	9.6	80.4	59	497	
Light1	2022-05-24	21.5	5.03	21.23	9953	1493	13816	-1871	335	-2702	34.7	55.3	56	361	
Light1	2022-05-24	21.5	5.03	21.09	13027	1285	11044	-2594	355	-2204	49	41.0	60	495	
Light1	2022-05-24	21.2	5.03	21.36	14356	732	8936	-2994	460	-1751	57.9	32.1	64	511	
Light1	2022-05-24	20.9	5.03	21.37	15175	835	8652	-3033	439	-1708	60.1	29.9	62	455	
Light1	2022-05-24	20.9	5.03	21.51	16261	404	5299	-3424	494	-1061	72.5	17.5	67	276	
Light1	2022-05-24	20.9	5.03	21.51	17161	804	2966	-3668	463	-431	80.6	9.4	81	433	
Light1	2022-05-24	20.6	5.03	21.66	3867	646	16260	-758	769	-2989	12.2	77.8	70	342	
Light1	2022-05-24	20.6	5.03	21.59	6766	588	16132	-1327	766	-2845	21.6	68.4	69	243	
Light1	2022-05-24	20.6	5.03	21.59	7742	402	15164	-1599	762	-2737	26	64.0	70	580	
Light1	2022-05-24	20.6	5.03	21.59	7791	346	15494	-1648	773	-2720	25.6	64.4	73	263	
Light1	2022-05-24	20.6	5.03	20.95	10766	201	13296	-2192	775	-2406	38.2	51.8	68	378	
Light1	2022-05-24	20.6	5.03	20.95	12026	388	12182	-2514	741	-2147	44	46.0	72	376	
Light1	2022-05-24	20.6	5.03	21.02	12199	244	12217	-2537	747	-2134	44.3	45.7	71	240	
Light1	2022-05-24	20.6	5.03	21.21	14134	201	9387	-3018	704	-1614	56.3	33.7	73	462	
Light1	2022-05-24	20.3	5.03	21.32	16116	76	5110	-3475	682	-811	73.1	16.9	74	424	
Light1	2022-05-24	20.3	5.03	21.5	16945	420	1950	-3699	624	-78	84.4	5.6	85	330	
Light1	2022-05-24	20.3	5.03	21.5	16874	167	1974	8433	4568	436	84.5	5.5	94	205	
Light1	2022-05-24	20.3	5.03	21.57	3175	385	16642	-793	868	-2943	9.6	80.4	80	500	
Light1	2022-05-24	19.9	5.03	20.91	9847	492	13538	-2228	755	-2372	35.2	54.8	79	272	
Light1	2022-05-24	19.9	5.03	20.91	13518	305	10981	-2956	770	-1663	50.5	39.5	82	567	
Light1	2022-05-24	19.9	5.03	21.05	15093	537	8276	-3299	721	-1172	61.2	28.8	82	362	
Light1	2022-05-24	19.9	5.03	21.05	15344	447	8514	-3292	749	-1142	60.9	29.1	83	399	
Light1	2022-05-24	19.9	5.03	21.3	16480	571	4242	-3540	728	-602	76.2	13.8	79	574	
Light1	2022-05-24	19.9	5.03	21.3	16311	404	5000	-3566	721	-524	73.5	16.5	82	185	
Light1	2022-05-24	19.9	5.03	21.3	16918	690	2305	-3750	601	211	82.9	7.1	89	173	
Light1	2022-05-24	19.6	5.03	21.51	16988	724	3022	-3737	612	93	80.5	9.5	88	438	
Light1	2022-05-24	19.6	5.03	21.6	1989	436	16899	-989	828	-2931	5.5	84.5	101	517	
Light1	2022-05-24	19.6	5.03	22.12	8025	922	14909	-2174	676	-2443	27.2	62.8	98	473	
Light1	2022-05-24	19.6	5.03	22.12	7689	901	15401	-2146	661	-2467	25.4	64.6	101	335	
Light1	2022-05-24	19.3	5.03	20.89	10153	541	13587	-2403	690	-2252	35.9	54.1	86	435	
Light1	2022-05-24	19.3	5.03	20.89	11849	506	12351	-2923	691	-1760	43.1	46.9	97	332	
Light1	2022-05-24	19.3	5.03	21.02	11734	462	12188	-2946	690	-1722	43.2	46.8	98	402	
Light1	2022-05-24	19.3	5.03	21.02	12110	356	12271	-2975	689	-1680	44	46.0	98	308	
Light1	2022-05-24	19.3	5.03	21.14	14164	440	9622	-3355	672	-1098	55.6	34.4	94	217	
Light1	2022-05-24	19.3	5.03	21.14	14452	454	9037	-3421	657	-951	57.8	32.2	94	419	
Light1	2022-05-24	19.3	5.03	21.31	15553	731	7339	-3591	588	-556	64.8	25.2	93	522	
Light1	2022-05-24	19.3	5.03	21.31	15787	540	6697	-3630	610	-421	67.3	22.7	92	357	
Light1	2022-05-24	19.3	5.03	21.46	16879	660	3286	-3757	587	412	79.6	10.4	90	508	
Light1	2022-05-24	19.3	5.03	21.46	16693	616	2928	-3755	602	396	80.8	9.2	90	404	
Light1	2022-05-24	19	5.03	21.58	429	-4	16853	-1235	618	-2908	0.2	89.8	134	468	
Light1	2022-05-24	19	5.03	21.58	1192	-220	16006	-1380	616	-2856	3	87.0	135	300	
Light1	2022-05-24	19	5.03	21.58	7938	128	14317	-2530	526	-2213	28	62.0	121	308	
Light1	2022-05-24	19	5.03	21.77	8643	-11	14423	-2690	549	-2054	30	60.0	124	231	
Light1	2022-05-24	19	5.03	21	8654	324	14925	-2730	481	-2049	29.1	60.9	128	347	
Light1	2022-05-24	19	5.03	21	12171	316	12087	-3309	417	-1317	44.6	45.4	121	130	
Light1	2022-05-24	19	5.03	21.1	12342	246	11817	-3303	452	-1305	45.7	44.3	117	272	
Light1	2022-05-24	19	5.03	21.1	13552	172	10024	-3524	451	-864	53.2	36.8	112	284	
Light1	2022-05-24	19	5.03	21.29	14381	-170	9459	-3613	458	-625	56.5	33.5	111	361	
Light1	2022-05-24	19	5.03	21.29	14164	18438	17418	-9095	4512	426	30.2	59.8	77	418	
Light1	2022-05-24	18.6	5.03	21.29	15815	106	6077	-3784	434	94	69.5	20.5	96	191	
Light1	2022-05-24	18.6	5.03	21.29	16496	-85	5327	-3776	493	234	72.7	17.3	93	476	
Light1	2022-05-24	18.6	5.03	21.44	16786	-81	2095	-3776	467	982	84.1	5.9	94	572	
Light1	2022-05-24	18.6	5.03	21.44	1525	408	16781	-1619	236	-2834	4	86.0	152	206	
Light1	2022-05-24	18.6	5.03	21.61	2032	380	17078	-1727	251	-2776	5.6	84.4	152	509	
Light1	2022-05-24	18.6	5.03	21.61	6324	44	15812	-2482	236	-2322	20.7	69.3	152	346	
Light1	2022-05-24	18.6	5.03	21.61	6885	54	15501	-2622	222	-2201	22.9	67.1	153	309	
Light1	2022-05-24	18.6	5.03	21.51	10857	-35	13190	-3235	221	-1510	38.7	51.3	145	223	
Light1	2022-05-24	18.3	5.03	21.51	10928	-302	12952	-3250	224	-1480	39.4	50.6	147	328	
Light1	2022-05-24	18.3	5.03	21.1	13151	-184	10321	-3608	190	-792	51.6	38.4	137	241	
Light1	2022-05-24	18.3	5.03	21.27	13395	-280	10520	-3620	178	-754	51.5	38.5	140	551	
Light1	2022-05-24	18.3	5.03	21.27	15203	-121	8348	-3813	150	-103	61.3	28.7	122	394	
Light1	2022-05-24	18.3	5.03	21.27	15226	50	8028	-3816	154	-91	62.3	27.7	119	273	
Light1	2022-05-24	18.3	5.03	21.38	15986	119	6040	-3879	103	409	69.8	20.2	100	312	
Light1	2022-05-24	18	5.03	21.49	15531	-147	6588	-3855	181	234	67.4	22.6	105	239	
Light1	2022-05-24	18	5.03	21.48	16743	4	1930	-3790	264	1198	84.7	5.3	100	319	
Light1	2022-05-24	18	5.03	21.48	17470	-1248	1192	-3812	227	1126	85.1	4.9	89	446	
Light1	2022-05-24	18	5.03	21.64	483	204	17167	-1530	87	-2881	0.4	89.6	165	363	
Light1	2022-05-24	18	5.03	21.35	6220	-148	15936	-2591	44	-2263	20.2	69.8	168	484	
Light1	2022-05-24	18	5.03	21.01	10641	-133	13248	-3267	16	-1536	38	52.0	165	265	

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az								
Light1	2022-05-24	18	5.03	21.03	10485	-479	13706	-3281	78	-1494	36.6	53.4	166	372	
Light1	2022-05-24	17.7	5.03	21.14	12892	-614	11078	-3632	62	-799	48.9	41.1	161	587	
Light1	2022-05-24	17.7	5.03	21.3	13393	-310	10782	-3694	-5	-682	50.8	39.2	164	427	
Light1	2022-05-24	17.7	5.03	21.3	15910	-438	6631	-3894	-14	277	67.7	22.3	127	580	
Light1	2022-05-24	17.7	5.03	21.46	15875	-358	6349	-3902	-40	312	68.6	21.4	128	204	
Light1	2022-05-24	17.7	5.03	21.46	16845	27	2201	-3832	-108	1356	83.8	6.2	164	445	
Light1	2022-05-24	17.4	5.03	21.55	703	289	16879	-1568	-458	-2847	1.2	88.8	193	572	
Light1	2022-05-24	17.4	5.03	21.55	1074	384	16289	-1574	-466	-2846	2.6	87.4	194	488	
Light1	2022-05-24	17.4	5.03	21.55	4543	8	15845	-2155	-433	-2573	14.8	75.2	200	567	
Light1	2022-05-24	17.4	5.03	21.81	6544	67	15362	-2635	-482	-2233	22	68.0	202	501	
Light1	2022-05-24	17.4	5.03	21.81	12135	-346	11704	-3520	-462	-1135	45.5	44.5	218	328	
Light1	2022-05-24	17.4	5.03	21.18	12226	-515	11805	-3557	-440	-1066	45.4	44.6	217	387	
Light1	2022-05-24	17.4	5.03	21.18	14467	-422	9199	-3808	-455	-401	57.4	32.6	233	171	
Light1	2022-05-24	17.4	5.01	21.31	14261	-200	9922	-3814	-492	-382	54.9	35.1	230	263	
Light1	2022-05-24	17.4	5.01	21.31	15563	105	7220	-3917	-585	128	65.4	24.6	255	598	
Light1	2022-05-24	17.4	5.03	21.31	15379	-140	7667	-3910	-562	59	63.7	26.3	252	424	
Light1	2022-05-24	17.4	5.03	21.4	16658	-174	3343	-3913	-540	1007	79.7	10.3	271	173	
Light1	2022-05-24	17	5.03	21.4	16663	-128	3120	-3919	-518	1000	80.5	9.5	271	389	
Light1	2022-05-24	17	5.03	21.54	-1878	-535	18110	-1308	-497	-2918	-7.6	97.6	200	547	
Light1	2022-05-24	17	5.03	21.54	-3419	-884	17845	-552	-378	-3058	-12.7	102.7	205	580	
Light1	2022-05-24	17	5.03	21.54	-729	743	14820	-975	-565	-2996	-4.1	94.1	197	364	
Light1	2022-05-24	17	5.03	21.54	-1590	417	17173	-1037	-814	-2936	-6.6	96.6	211	531	
Light1	2022-05-24	17	5.03	21.54	-1127	486	17170	-1035	-826	-2932	-5	95.0	213	342	
Light1	2022-05-24	17	5.03	22.32	6030	253	15955	-2403	-879	-2358	19.6	70.4	224	471	
Light1	2022-05-24	17	5.03	22.32	6004	101	15788	-2374	-855	-2385	19.7	70.3	225	429	
Light1	2022-05-24	17	5.03	22.32	5681	-40	15951	-2350	-837	-2392	18.5	71.5	223	211	
Light1	2022-05-24	16.7	5.03	21.32	9820	-129	13758	-3032	-866	-1798	34.7	55.3	236	160	
Light1	2022-05-24	16.7	5.03	21.32	9900	-276	13716	-3031	-865	-1799	35	55.0	237	509	
Light1	2022-05-24	16.7	5.03	21.32	9820	-271	13861	-3052	-885	-1783	34.4	55.6	236	526	
Light1	2022-05-24	16.7	5.03	21.22	12850	244	11307	-3471	-985	-1148	48.2	41.8	249	300	
Light1	2022-05-24	16.7	5.03	21.22	12469	386	12026	-3553	-965	-996	45.4	44.6	241	567	
Light1	2022-05-24	16.7	5.03	21.29	14486	156	8357	-3778	-924	-429	60.1	29.9	258	480	
Light1	2022-05-24	16.7	5.03	21.41	16854	-122	2120	-3898	-981	997	84.1	5.9	265	316	
Light1	2022-05-24	16.7	5.03	21.41	16932	-69	2300	-3894	-1005	1008	83.5	6.5	266	524	
Light1	2022-05-24	16.4	5.03	21.41	1988	480	17404	-1306	-1149	-2796	5.5	84.5	240	171	
Light1	2022-05-24	16.4	5.03	22.22	8500	-57	14959	-2515	-1098	-2246	28.6	61.4	250	217	
Light1	2022-05-24	16.4	5.03	22.22	10679	229	12943	-2900	-1143	-1894	38.8	51.2	258	354	
Light1	2022-05-24	16.4	5.03	22.22	12811	-225	11560	-3307	-1147	-1403	47.4	42.6	260	330	
Light1	2022-05-24	16.4	5.03	21.42	14456	-142	9394	-3575	-1167	-913	56.8	33.2	265	334	
Light1	2022-05-24	16.4	5.03	21.42	14460	-337	9241	-3583	-1138	-907	57.3	32.7	265	441	
Light1	2022-05-24	16.4	5.03	21.42	15678	161	6560	-3768	-1259	-297	67.7	22.3	270	428	
Light1	2022-05-24	16.4	5.03	21.42	16025	322	5988	-3796	-1238	-255	70	20.0	272	503	
Light1	2022-05-24	16.4	5.03	21.45	16821	160	2482	-3897	-1252	547	82.7	7.3	272	253	
Light1	2022-05-24	16.1	5.03	21.73	542	-147	16945	-570	-1049	-2932	0.6	89.4	263	247	
Light1	2022-05-24	16.1	5.03	21.73	5526	150	16067	-1607	-1141	-2718	17.8	72.2	264	340	
Light1	2022-05-24	16.1	5.03	21.73	8533	80	14995	-2130	-1160	-2476	28.6	61.4	270	575	
Light1	2022-05-24	16.1	5.03	21.73	10646	215	13373	-2558	-1224	-2174	37.7	52.3	273	196	
Light1	2022-05-24	16.1	5.03	21.79	12004	194	11600	-2777	-1222	-1990	45.4	44.6	281	538	
Light1	2022-05-24	16.1	5.03	21.79	13179	-152	10966	-3097	-1199	-1655	49.8	40.2	274	454	
Light1	2022-05-24	16.1	5.03	21.79	14326	-178	9194	-3239	-1228	-1472	57.2	32.8	281	392	
Light1	2022-05-24	16.1	5.03	21.37	15230	-160	7844	-3533	-1202	-974	62.9	27.1	275	293	
Light1	2022-05-24	15.7	5.01	21.37	16331	0	4753	-3752	-1270	-388	74.5	15.5	277	328	
Light1	2022-05-24	15.7	5.03	21.37	16508	66	3578	-3806	-1278	-137	78.7	11.3	277	299	
Light1	2022-05-24	15.7	5.03	21.52	16839	192	1144	-3874	-1282	282	87.4	2.6	281	541	
Light1	2022-05-24	15.7	5.03	21.52	16836	71	1482	-3870	-1265	266	86.3	3.7	276	551	
Light1	2022-05-24	15.7	5.03	21.55	366	4	16612	153	-720	-2965	0	90.0	315	576	
Light1	2022-05-24	15.7	5.03	21.55	1813	289	16865	-272	-772	-3009	4.9	85.1	308	455	
Light1	2022-05-24	15.7	5.03	22.1	7391	-407	15613	-1464	-850	-2849	24.3	65.7	298	286	
Light1	2022-05-24	15.7	5.03	22.1	7146	69	15456	-1371	-929	-2859	23.7	66.3	302	494	
Light1	2022-05-24	15.7	5.03	21.01	10861	222	12645	-2153	-986	-2525	39.9	50.1	307	338	
Light1	2022-05-24	15.7	5.03	21.01	11498	82	12750	-2309	-958	-2431	41.3	48.7	301	374	
Light1	2022-05-24	15.7	5.03	21.06	13653	329	10479	-2824	-1047	-2010	52.1	37.9	299	281	
Light1	2022-05-24	15.4	5.03	21.06	13673	184	10595	-2860	-1012	-1998	51.9	38.1	296	399	
Light1	2022-05-24	15.4	5.03	21.22	14257	-13	9535	-2953	-993	-1904	56.1	33.9	299	576	
Light1	2022-05-24	15.4	5.03	21.22	15395	-30	7614	-3329	-1029	-1421	63.9	26.1	291	284	
Light1	2022-05-24	15.4	5.03	21.22	15769	172	6451	-3414	-1071	-1274	68.1	21.9	294	540	
Light1	2022-05-24	15.4	5.03	21.22	16443	316	5105	-3612	-1094	-885	73.3	16.7	290	383	
Light1	2022-05-24	15.4	5.04	21.41	17173	343	2093	-3754	-1148	-484	84	6.0	297	440	
Light1	2022-05-24	15.4	5.03	21.41	16913	604	1937	-3808	-1184	-248	84.2	5.8	296	464	
Light1	2022-05-24	15.4	5.03	21.41	17282	898	429	-3850	-1217	-34	86.7	3.3	63	561	
Light1	2022-05-24	15.4	5.03	21.55	16712	724	-350	-3892	-1223	278	86.1	3.9	82	532	
Light1	2022-05-24	15.4	5.03	21.55	4349	550	17029	-551	-672	-3039	13.3	76.7	328	443	
Light1	2022-05-24	15.4	5.03	21.55	4563	456	16754	-569	-643	-3051	14	76.0	329	548	
Light1	2022-05-24	15.1	5.03	21.36	4312	570	16507	-514	-668	-3056	13.5	76.5	330	347	
Light1	2022-05-24	15.1	5.03	21.31	8022	237	15110	-1317	-664	-2942	26.9	63.1	327	338	
Light1	2022-05-24	15.1	5.03	20.93	8153	-88	14969	-1335	-607	-2943	27.6	62.4	326	313	
Light1	2022-05-24	15.1	5.03	20.89	10095	19	13740	-1758	-644	-2794	35.4	54.6	328	385	
Light1	2022-05-24	15.1	5.03	20.89	12066	-326	12276	-2235	-599	-2567	43.9	46.1	323	347	
Light1	2022-05-24	15.1	5.03	20.89	12386	-256	11720	-2351	-622	-2477	46	44.0	322	417	
Light1	2022-05-24	15.1	5.03	21.1	14498	-197	9183	-2920	-689	-2006	57.6	32.4	315	590	
Light1	2022-05-24	15.1	5.03	21.1	14776	115	8746	-3013	-715	-1913	59.3	30.7	317	487	
Light1	2022-05-24	15.1	5.03	21.1	15624	23	6906	-3190	-779	-1690	66.5	23.5	315	222	
Light1	2022-05-24	15.1	5.03	21.35	16332	386	5322	-3449	-828	-1300	72.5	17.5	314	432	
Light1	2022-05-24	15.1	5.03	21.35	16644	336	3965	-3559	-842	-1086	77.4	12.6	313	541	
Light1	2022-05-24	15.1	5.03	21.35	16775	569	2130	-3756	-912	-625	83.6	6.4	320	234	
Light1															

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az								
Light1	2022-05-24	14.8	5.03	21.52	16941	867	-74	-3867	-940	-219	-219	86.4	3.6	86	397
Light1	2022-05-24	14.8	5.03	21.47	1669	-180	16996	193	-161	-3069	-3069	4.4	85.6	357	332
Light1	2022-05-24	14.8	5.03	21.47	4589	-151	16498	-302	-177	-3119	-3119	14.4	75.6	357	437
Light1	2022-05-24	14.8	5.03	21.37	8273	113	14854	-1206	-276	-3013	-3013	28.1	61.9	354	280
Light1	2022-05-24	14.8	5.03	21.37	11181	320	12771	-1887	-367	-2768	-2768	40.5	49.5	352	377
Light1	2022-05-24	14.8	5.03	21.37	12667	335	11762	-2235	-442	-2574	-2574	46.5	43.5	347	439
Light1	2022-05-24	14.8	5.03	21.08	14855	870	8645	-2921	-560	-2022	-2022	59.6	30.4	349	551
Light1	2022-05-24	14.8	5.03	21.08	14931	1175	8427	-2963	-640	-1973	-1973	60.3	29.7	350	520
Light1	2022-05-24	14.8	5.03	21.4	16317	1336	4961	-3479	-722	-1288	-1288	73	17.0	357	250
Light1	2022-05-24	14.8	5.03	21.4	16754	1210	1194	-3813	-819	-492	-492	84.8	5.2	61	265
Light1	2022-06-28 00:51	14.5	5.04	20.88	3229	-592	16698	-54	20	-3106	-3106	9.7	80.3	3	455
Light1	2022-06-28 00:51	14.5	5.03	20.95	6507	-90	16053	-752	50	-3094	-3094	20.9	69.1	12	419
Light1	2022-06-28 00:51	14.5	5.03	20.82	7449	-227	15682	-958	36	-3065	-3065	24.3	65.7	9	534
Light1	2022-06-28 00:51	14.1	5.03	20.98	10038	229	13551	-1605	-74	-2890	-2890	35.7	54.3	9	357
Light1	2022-06-28 00:51	14.1	5.03	21.27	13070	954	11444	-2416	-228	-2456	-2456	48.1	41.9	14	512
Light1	2022-06-28 00:51	14.1	5.03	21.5	15400	343	7992	-3059	-316	-1883	-1883	62.6	27.4	356	587
Light1	2022-06-28 00:51	14.1	5.03	21.5	15552	486	6819	-3127	-336	-1800	-1800	66.6	23.4	0	548
Light1	2022-06-28 00:51	14.1	5.03	21.5	16726	809	2215	-3666	-476	-915	-915	83	7.0	37	394
Light1	2022-06-28 00:51	14.1	5.03	21.65	17013	576	2896	-3675	-441	-910	-910	81.1	8.9	10	289
Light1	2022-06-28 00:51	14.1	5.03	21.65	-801	-307	16920	746	323	-2935	-2935	-4	94.0	25	346
Light1	2022-06-28 00:51	14.1	5.03	22.13	5083	535	16227	-473	173	-3119	-3119	16.2	73.8	27	502
Light1	2022-06-28 00:51	14.1	5.03	20.98	5565	249	15542	-559	158	-3117	-3117	18.6	71.4	22	496
Light1	2022-06-28 00:52	14.1	5.03	20.98	5415	950	16398	-594	135	-3118	-3118	17.1	72.9	31	403
Light1	2022-06-28 00:52	14.1	5.03	20.98	9433	839	14379	-1461	58	-2938	-2938	32.3	57.7	26	518
Light1	2022-06-28 00:52	14.1	5.03	21.1	12983	642	11579	-2335	93	-2495	-2495	47.7	42.3	29	449
Light1	2022-06-28 00:52	14.1	5.03	21.38	14990	228	8795	-2879	133	-2028	-2028	59.5	30.5	28	391
Light1	2022-06-28 00:52	14.1	5.03	21.54	16418	-381	4809	-3423	234	-1270	-1270	74.4	15.6	26	306
Light1	2022-06-28 00:52	14.1	5.03	21.65	16970	160	2240	-3686	118	-738	-738	83.6	6.4	51	267
Light1	2022-06-28 00:52	14.1	5.03	21.65	944	839	17061	308	420	-3056	-3056	2	88.0	43	384
Light1	2022-06-28 00:52	14.1	5.03	21.75	2412	-97	17230	-5	649	-3062	-3062	6.9	83.1	45	418
Light1	2022-06-28 00:52	14.1	5.03	20.87	7612	-578	14909	-1137	702	-2953	-2953	26	64.0	41	406
Light1	2022-06-28 00:52	14.1	5.03	20.87	11369	-737	12381	-2010	644	-2588	-2588	41.9	48.1	37	418
Light1	2022-06-28 00:52	13.8	5.03	21.04	13591	56	10686	-2567	505	-2232	-2232	51.5	38.5	46	494
Light1	2022-06-28 00:52	13.8	5.03	21.04	14054	-95	10336	-2664	492	-2146	-2146	53.4	36.6	44	530
Light1	2022-06-28 00:52	13.8	5.03	21.31	15262	-204	7754	-3093	504	-1681	-1681	63.2	26.8	49	241
Light1	2022-06-28 00:52	13.8	5.03	21.31	16442	696	4756	-3460	356	-1148	-1148	74.3	15.7	63	593
Light1	2022-06-28 00:52	13.8	5.03	21.51	16934	581	2644	-3659	317	-703	-703	81.9	8.1	71	529
Light1	2022-06-28 00:52	13.8	5.03	21.84	269	-392	17040	386	849	-2963	-2963	-0.3	90.3	51	273
Light1	2022-06-28 00:52	13.8	5.03	21.84	6690	-120	15808	-953	730	-2983	-2983	21.8	68.2	49	597
Light1	2022-06-28 00:52	13.8	5.03	21.15	11546	-120	12733	-2156	701	-2485	-2485	41.5	48.5	53	573
Light1	2022-06-28 00:53	13.8	5.03	21.3	14969	503	8666	-3080	576	-1656	-1656	59.8	30.2	66	436
Light1	2022-06-28 00:53	13.8	5.03	21.47	16825	671	3830	-3607	471	-738	-738	77.8	12.2	75	404
Light1	2022-06-28 00:53	13.5	5.03	21.56	16843	1133	-595	-3838	396	181	181	84.5	5.5	219	342
Light1	2022-06-28 00:53	13.5	5.03	21.95	2395	545	16981	-404	833	-3024	-3024	6.9	83.1	70	316
Light1	2022-06-28 00:53	13.5	5.03	21.22	9413	230	14135	-1987	798	-2562	-2562	32.7	57.3	71	530
Light1	2022-06-28 00:53	13.5	5.03	21.21	13477	238	10394	-2833	768	-1864	-1864	52	38.0	70	570
Light1	2022-06-28 00:53	13.5	5.03	21.26	15084	55	7530	-3272	769	-1242	-1242	63.7	26.3	74	336
Light1	2022-06-28 00:53	13.5	5.03	21.26	15969	262	5656	-3451	730	-894	-894	71	19.0	76	546
Light1	2022-06-28 00:53	13.2	5.03	21.26	16361	220	4031	-3593	734	-510	-510	77	13.0	79	153
Light1	2022-06-28 00:53	13.2	5.03	21.37	17204	692	208	-3703	726	-14	-14	87.3	2.7	131	535
Light1	2022-06-28 00:53	13.2	5.03	21.57	1871	-327	16836	-727	954	-2966	-2966	5.1	84.9	90	566
Light1	2022-06-28 00:54	13.2	5.03	22.19	4316	312	16543	-1253	921	-2852	-2852	13.4	76.6	90	374
Light1	2022-06-28 00:54	13.2	5.03	21.58	9982	-46	13810	-2416	921	-2205	-2205	35	55.0	89	481
Light1	2022-06-28 00:54	13.2	5.03	21.28	12844	-204	11477	-2970	916	-1621	-1621	47.7	42.3	88	196
Light1	2022-06-28 00:54	13.2	5.03	21.28	13079	-435	10538	-3012	944	-1543	-1543	50.8	39.2	84	543
Light1	2022-06-28 00:54	13.2	5.03	21.26	14863	7	8459	-3340	826	-1079	-1079	60.4	29.6	85	462
Light1	2022-06-28 00:54	13.2	5.03	21.23	16024	99	5990	-3593	783	-440	-440	70	20.0	87	546
Light1	2022-06-28 00:54	12.8	5.03	21.23	16621	387	2790	-3735	751	222	222	81.4	8.6	88	502
Light1	2022-06-28 00:54	12.8	5.03	21.32	16842	467	854	-3755	713	560	560	87.7	2.3	103	415
Light1	2022-06-28 00:54	12.8	5.03	21.32	1447	556	16737	-976	833	-2947	-2947	3.7	86.3	106	447
Light1	2022-06-28 00:54	12.8	5.03	22.07	6432	817	15696	-1972	707	-2594	-2594	21.1	68.9	104	530
Light1	2022-06-28 00:54	12.8	5.03	22.07	6547	699	15502	-1995	724	-2575	-2575	21.8	68.2	103	519
Light1	2022-06-28 00:54	12.8	5.03	22.07	6750	858	15822	-2034	719	-2557	-2557	22	68.0	104	321
Light1	2022-06-28 00:54	12.8	5.03	21.31	13400	241	10613	-3305	728	-1244	-1244	51.2	38.8	98	597
Light1	2022-06-28 00:54	12.8	5.03	21.26	15473	217	7795	-3603	708	-531	-531	63.4	26.6	94	579
Light1	2022-06-28 00:54	12.8	5.03	21.26	15539	364	7313	-3636	679	-440	-440	65	25.0	93	344
Light1	2022-06-28 00:54	12.8	5.03	21.18	15714	653	6619	-3684	642	-307	-307	67.4	22.6	92	512
Light1	2022-06-28 00:54	12.8	5.03	21.2	16564	282	4563	-3764	651	160	160	75.3	14.7	90	199
Light1	2022-06-28 00:54	12.8	5.03	21.2	16633	444	3919	-3774	643	310	310	77.5	12.5	90	599
Light1	2022-06-28 00:54	12.8	5.03	21.29	16609	326	3625	-3779	651	347	347	78.5	11.5	89	494
Light1	2022-06-28 00:54	12.8	5.03	21.29	16598	420	3583	-3780	650	365	365	78.6	11.4	90	234
Light1	2022-06-28 00:54	12.5	5.03	21.32	16492	741	2867	-3800	604	451	451	80.8	9.2	90	579
Light1	2022-06-28 00:54	12.5	5.03	21.32	16758	611	3111	-3801	605	503	503	80.2	9.8	90	553
Light1	2022-06-28 00:54	12.5	5.03	21.32	16753	1325	3	-3793	486	1156	1156	84.9	5.1	264	401
Light1	2022-06-28 00:54	12.5	5.03	21.47	16611	1437	-217	-3777	472	1184	1184	84.3	5.7	266	355
Light1	2022-06-28 00:54	12.5	5.03	21.47	16786	1392	-238	-3794	466	1154	1154	84.4	5.6	266	598
Light1	2022-06-28 00:54	12.5	5.03	21.47	16997	1336	238	-3792	475	1125	1125	85.2	4.8	262	479
Light1	2022-06-28 00:54	12.5	5.03	21.47	16949	1393	-34	-3802	474	1160	1160	84.7	5.3	265	582

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-06-28 00:55	12.2	5.03	21.17	15624	2404	7714	-3779	238	-423	62.5	27.5	101	239	
Light1	2022-06-28 00:55	12.2	5.03	21.16	15013	1047	7818	-3657	474	-591	62.3	27.7	97	426	
Light1	2022-06-28 00:55	12.2	5.03	21.23	16794	1557	4294	-3840	456	396	75.3	14.7	90	452	
Light1	2022-06-28 00:55	12.2	5.03	21.41	16523	456	3587	-3835	519	629	78.6	11.4	90	498	
Light1	2022-06-28 00:55	12.2	5.03	21.34	4565	916	16701	-2193	278	-2563	14.1	75.9	144	409	
Light1	2022-06-28 00:55	12.2	5.03	21.34	4933	708	16060	-2206	304	-2550	15.9	74.1	141	591	
Light1	2022-06-28 00:55	12.2	5.03	21.47	2085	-603	16891	-1644	649	-2779	5.8	84.2	140	306	
Light1	2022-06-28 00:55	12.2	5.03	21.83	4457	-708	16418	-2093	634	-2545	14	76.0	139	418	
Light1	2022-06-28 00:55	12.2	5.03	21.83	8272	-291	15066	-2767	548	-2027	27.7	62.3	133	276	
Light1	2022-06-28 00:55	12.2	5.03	21.83	12203	188	11536	-3323	440	-1357	46.1	43.9	117	491	
Light1	2022-06-28 00:55	12.2	5.03	21.83	12790	-57	11574	-3481	430	-1090	47.3	42.7	123	191	
Light1	2022-06-28 00:55	12.2	5.03	21.25	14873	145	8546	-3727	405	-408	60.1	29.9	108	338	
Light1	2022-06-28 00:55	11.9	5.03	21.25	15301	403	8151	-3794	381	-194	62	28.0	105	235	
Light1	2022-06-28 00:56	11.9	5.03	21.25	16407	627	4752	-3872	353	370	74.4	15.6	92	216	
Light1	2022-06-28 00:56	11.9	5.03	21.18	16359	661	4998	-3871	326	423	73.5	16.5	91	320	
Light1	2022-06-28 00:56	11.9	5.03	21.18	16880	475	2032	-3828	366	1093	84.1	5.9	100	272	
Light1	2022-06-28 00:56	11.9	5.03	21.3	16909	305	1407	-3801	391	1209	86.4	3.6	112	395	
Light1	2022-06-28 00:56	11.9	5.03	21.3	3385	-339	16534	-2057	379	-2626	10.4	79.6	153	296	
Light1	2022-06-28 00:56	11.9	5.03	22.03	8009	-92	14678	-2783	282	-2089	27.6	62.4	147	487	
Light1	2022-06-28 00:56	11.9	5.03	21.2	8697	162	14531	-2994	229	-1891	29.9	60.1	149	497	
Light1	2022-06-28 00:56	11.9	5.03	21.15	13783	1102	10358	-3744	21	-616	52.5	37.5	139	477	
Light1	2022-06-28 00:56	11.9	5.03	21.15	13838	874	9693	-3751	34	-615	54.6	35.4	136	180	
Light1	2022-06-28 00:56	11.9	5.03	21.15	13655	1074	10129	-3758	8	-604	52.9	37.1	140	535	
Light1	2022-06-28 00:56	11.9	5.03	21.15	13911	774	10059	-3765	-1	-586	53.7	36.3	143	525	
Light1	2022-06-28 00:56	11.9	5.03	21.15	14032	895	9258	-3814	-12	-433	56.3	33.7	139	447	
Light1	2022-06-28 00:56	11.9	5.03	21.23	15958	336	6627	-3945	46	366	67.8	22.2	106	575	
Light1	2022-06-28 00:56	11.6	5.03	21.35	16722	792	2207	-3875	21	1279	83	7.0	245	453	
Light1	2022-06-28 00:56	11.6	5.03	21.77	1168	4	17041	-1676	160	-2850	2.7	87.3	163	546	
Light1	2022-06-28 00:56	11.6	5.03	21.77	3538	93	16981	-2202	100	-2586	10.6	79.4	165	489	
Light1	2022-06-28 00:56	11.6	5.03	21.77	7179	172	15649	-2817	59	-2106	23.6	66.4	164	586	
Light1	2022-06-28 00:56	11.6	5.03	21.56	13233	873	11628	-3680	-82	-869	48	42.0	158	334	
Light1	2022-06-28 00:56	11.6	5.03	21.56	14736	366	8846	-3797	-6	-478	58.9	31.1	141	485	
Light1	2022-06-28 00:56	11.6	5.03	21.26	16549	603	3577	-3946	-132	1045	78.5	11.5	297	399	
Light1	2022-06-28 00:56	11.6	5.03	21.37	16809	516	2262	-3885	-112	1318	83.2	6.8	249	583	
Light1	2022-06-28 00:56	11.6	5.03	21.39	826	62	17007	-1703	-198	-2857	1.6	88.4	182	448	
Light1	2022-06-28 00:57	11.6	5.03	21.72	8288	-876	14882	-3017	-197	-1936	28.1	61.9	194	245	
Light1	2022-06-28 00:57	11.6	5.03	21.72	8849	-433	14672	-3139	-257	-1792	30.1	59.9	193	380	
Light1	2022-06-28 00:57	11.6	5.03	21.72	9440	75	14338	-3212	-246	-1701	32.4	57.6	186	517	
Light1	2022-06-28 00:57	11.6	5.03	20.98	13489	-510	10560	-3771	-283	-649	51.6	38.4	206	248	
Light1	2022-06-28 00:57	11.6	5.03	21.25	16032	-779	5624	-3983	-258	643	71.1	18.9	280	563	
Light1	2022-06-28 00:57	11.6	5.03	21.37	16714	-385	2436	-3951	-341	1112	82.8	7.2	260	583	
Light1	2022-06-28 00:57	11.2	5.03	21.37	16865	-421	1842	-3895	-349	1413	84.9	5.1	170	406	
Light1	2022-06-28 00:57	11.2	5.03	21.37	-61	482	16894	-1370	-819	-2899	-1.4	91.4	210	523	
Light1	2022-06-28 00:57	11.2	5.03	22.32	7733	-52	15353	-2807	-793	-2094	25.7	64.3	222	349	
Light1	2022-06-28 00:57	11.2	5.03	22.32	10490	125	13225	-3224	-812	-1654	37.6	52.4	231	356	
Light1	2022-06-28 00:57	11.2	5.03	22.32	12178	-230	12215	-3498	-800	-1245	44.3	45.7	238	454	
Light1	2022-06-28 00:57	11.2	5.03	21.52	16842	-649	2119	-3908	-872	1295	83.7	6.3	251	591	
Light1	2022-06-28 00:57	11.2	5.03	21.52	17094	74	2717	-3950	-859	1096	82	8.0	266	572	
Light1	2022-06-28 00:57	11.2	5.03	21.52	589	-503	16759	-1247	-835	-2922	0.8	89.2	227	329	
Light1	2022-06-28 00:57	11.2	5.03	21.52	7988	99	15044	-2704	-1005	-2138	26.9	63.1	235	381	
Light1	2022-06-28 00:57	11.2	5.03	22.29	12346	255	11939	-3404	-1111	-1315	45.4	44.6	251	256	
Light1	2022-06-28 00:57	11.2	5.03	22.29	14672	230	9222	-3758	-1134	-551	57.7	32.3	260	578	
Light1	2022-06-28 00:57	11.2	5.03	21.94	16185	-30	5357	-3929	-1127	208	72.3	17.7	270	268	
Light1	2022-06-28 00:57	11.2	5.03	21.94	16891	109	1131	-3887	-1141	1239	87.5	2.5	264	446	
Light1	2022-06-28 00:57	10.9	5.03	21.61	905	1611	17381	-1176	-1358	-2777	1.8	88.2	235	514	
Light1	2022-06-28 00:57	10.9	5.03	21.61	2801	694	16845	-1449	-1260	-2748	8.2	81.8	243	502	
Light1	2022-06-28 00:58	10.9	5.03	21.61	10564	-52	13481	-2876	-1159	-1948	37.3	52.7	257	382	
Light1	2022-06-28 00:58	10.9	5.03	22.81	15031	109	7847	-3690	-1272	-644	62.6	27.4	269	283	
Light1	2022-06-28 00:58	10.9	5.03	22.81	16310	114	5009	-3874	-1278	83	73.6	16.4	272	489	
Light1	2022-06-28 00:58	10.9	5.03	21.72	16468	396	3598	-3919	-1282	383	78.5	11.5	272	472	
Light1	2022-06-28 00:58	10.9	5.03	21.72	16979	462	1308	-3893	-1349	791	86.5	3.5	276	190	
Light1	2022-06-28 00:58	10.9	5.03	21.72	16987	555	-267	-3882	-1324	978	86.7	3.3	65	518	
Light1	2022-06-28 00:58	10.9	5.03	21.72	16404	603	-2043	-3776	-1381	1481	80.7	9.3	73	365	
Light1	2022-06-28 00:58	10.9	5.03	21.76	2585	655	17195	-1015	-1234	-2852	7.5	82.5	262	432	
Light1	2022-06-28 00:58	10.9	5.03	21.76	2598	254	16807	-996	-1180	-2867	7.6	82.4	264	413	
Light1	2022-06-28 00:58	10.9	5.03	21.76	4010	76	17331	-1356	-1147	-2809	12.2	77.8	260	358	
Light1	2022-06-28 00:58	10.9	5.03	21.76	4516	-49	16677	-1444	-1160	-2787	14	76.0	261	439	
Light1	2022-06-28 00:58	10.9	5.03	21.76	9027	-428	14231	-2259	-1137	-2440	31.5	58.5	272	590	
Light1	2022-06-28 00:58	10.9	5.03	21.76	9628	-406	13990	-2405	-1152	-2333	33.6	56.4	270	493	
Light1	2022-06-28 00:58	10.9	5.03	21.76	10139	-402	13902	-2483	-1179	-2273	35.2	54.8	271	339	
Light1	2022-06-28 00:58	10.9	5.03	21.76	14030	196	8965	-3233	-1274	-1507	57.4	32.6	283	589	
Light1	2022-06-28 00:58	10.9	5.03	21.76	15747	-145	6518	-3636	-1237	-814	67.9	22.1	278	516	
Light1	2022-06-28 00:58	10.9	5.03	22.83	16764	-241	2518	-3855	-1268	-85	82.6	7.4	276	398	
Light1	2022-06-28 00:58	10.6	5.03	21.71	16814	52	-1036	-3910	-1309	713	84.7	5.3	88	213	
Light1	2022-06-28 00:58	10.6	5.03	21.71	-1279	473	17143	237	-956	-2891	-5.6	95.6	294	154	
Light1	2022-06-28 00:58	10.6	5.03	21.71	5295	-161	15847	-1053	-951	-2941	17.3	72.7	296	473	
Light1	2022-06-28 00:58	10.6	5.03	22.39	9924	-582	13921	-2091	-942	-2598	34.6	55.4	292	566	
Light1	2022-06-28 00:58	10.6	5.04	22.39	12246	-819	11885	-2545	-866	-2315	45.3	44.7	295	566	
Light1	2022-06-28 00:58	10.6	5.03	22.39	13504	-625	10593	-2877	-921	-2027	51.5	38.5	292	401	
Light1	2022-06-28 00:58	10.6	5.03	22.39	15604	-81	6525	-3438	-1049	-1312	67.7	22.3	293	495	
Light1	2022-06-28 00:58	10.6	5.03	21.75	15826	-312	5994	-3522	-1008	-1146	69.8	20.2	289	535	
Light1	2022-06-28 00:58	10.6	5.03	21.75	16846	286	2040	-3847	-1157	-248					

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-06-28 00:59	10.6	5.03	22.08	10904	-475	13446	-2017	-685	-2685	38.2	51.8	315	575	
Light1	2022-06-28 00:59	10.3	5.03	21.65	16209	-30	6085	-3470	-862	-1305	69.9	20.1	300	579	
Light1	2022-06-28 00:59	10.3	5.03	21.65	16916	251	2299	-3816	-924	-504	83.3	6.7	297	589	
Light1	2022-06-28 00:59	10.6	5.03	21.65	16601	918	-449	-3946	-1024	64	85.3	4.7	86	473	
Light1	2022-06-28 00:59	10.6	5.03	21.67	16632	654	-960	-3949	-985	91	84.4	5.6	91	314	
Light1	2022-06-28 00:59	10.6	5.03	21.67	17072	759	107	-3917	-935	-121	87	3.0	83	403	
Light1	2022-06-28 00:59	10.3	5.03	21.67	17031	726	1265	-3836	-755	-515	86	4.0	39	502	
Light1	2022-06-28 00:59	10.3	5.03	21.6	3335	29	16823	-183	-491	-3089	10	80.0	338	553	
Light1	2022-06-28 00:59	10.3	5.03	21.6	3287	-140	17279	-214	-446	-3097	9.8	80.2	337	416	
Light1	2022-06-28 00:59	10.3	5.03	21.6	9698	-45	13952	-1650	-524	-2883	33.9	56.1	334	272	
Light1	2022-06-28 00:59	10.3	5.03	21.64	12831	106	11452	-2435	-555	-2457	47.7	42.3	332	447	
Light1	2022-06-28 00:59	10.3	5.03	21.64	15112	221	7990	-3106	-599	-1855	62.2	27.8	328	482	
Light1	2022-06-28 00:59	10.3	5.03	21.61	16289	507	4545	-3546	-691	-1226	75	15.0	328	566	
Light1	2022-06-28 00:59	10.3	5.03	21.61	16706	745	1726	-3765	-719	-731	84.6	5.4	23	490	
Light1	2022-06-28 00:59	10.3	5.03	21.71	16820	1067	-184	-3921	-756	-234	85.5	4.5	88	595	
Light1	2022-07-26 00:47	18.3	5.03	22.3	-1390	440	17343	931	74	-2808	-5.9	95.9	19	485	
Light1	2022-07-26 00:48	18.3	5.03	21.2	4406	-256	16366	-297	154	-3074	13.9	76.1	16	483	
Light1	2022-07-26 00:48	18.3	5.03	21.27	6154	-188	16655	-540	153	-3068	19.1	70.9	15	530	
Light1	2022-07-26 00:48	18.3	5.03	21.27	8920	-542	14728	-1279	103	-2940	30.2	59.8	8	548	
Light1	2022-07-26 00:48	18.3	5.03	21.27	9532	-673	14035	-1459	194	-2870	33.3	56.7	11	585	
Light1	2022-07-26 00:48	18.3	5.03	22.23	12534	-1004	11292	-2125	270	-2530	47.4	42.6	9	518	
Light1	2022-07-26 00:48	18.3	5.03	22.03	12495	-882	11949	-2108	272	-2538	45.7	44.3	13	396	
Light1	2022-07-26 00:48	18.3	5.03	22.03	14093	-558	9656	-2355	234	-2374	55.4	34.6	12	480	
Light1	2022-07-26 00:48	18.3	5.03	21.92	16237	-354	5446	-3250	41	-1469	72.1	17.9	6	297	
Light1	2022-07-26 00:48	18.3	5.03	21.92	16846	-309	2348	-3567	20	-857	83.2	6.8	357	351	
Light1	2022-07-26 00:48	18.3	5.03	21.71	16956	-93	-2	-3730	-13	-342	88.4	1.6	228	180	
Light1	2022-07-26 00:48	18.3	5.03	21.71	334	-974	16954	303	579	-2970	-0.1	90.1	38	456	
Light1	2022-07-26 00:48	18.3	5.03	21.71	-1293	-379	17261	745	603	-2864	-5.6	95.6	42	377	
Light1	2022-07-26 00:48	18.3	5.03	21.71	-278	-772	17111	526	674	-2912	-2.2	92.2	41	427	
Light1	2022-07-26 00:48	18.3	5.03	21.71	6372	222	15728	-867	494	-3000	20.9	69.1	42	291	
Light1	2022-07-26 00:48	18	5.03	22.06	13685	204	10075	-2587	398	-2156	53.4	36.6	42	484	
Light1	2022-07-26 00:48	18.3	5.03	22.06	15750	630	6710	-3161	280	-1546	67.1	22.9	51	362	
Light1	2022-07-26 00:48	18.3	5.03	21.89	16500	212	3936	-3450	313	-1030	77.4	12.6	54	470	
Light1	2022-07-26 00:48	18	5.03	21.72	16865	233	893	-3697	246	-362	88.1	1.9	79	339	
Light1	2022-07-26 00:49	18	5.03	21.72	2123	-13	16782	-83	841	-2960	6	84.0	56	412	
Light1	2022-07-26 00:49	18	5.03	21.72	2521	129	16032	-86	819	-2968	7.7	82.3	53	480	
Light1	2022-07-26 00:49	18	5.03	22.18	10879	432	12936	-2042	600	-2512	39.3	50.7	55	555	
Light1	2022-07-26 00:49	18	5.03	21.99	13843	707	10549	-2648	529	-2056	52.2	37.8	58	499	
Light1	2022-07-26 00:49	18	5.03	21.99	15736	194	6830	-3206	575	-1343	66.8	23.2	63	203	
Light1	2022-07-26 00:49	18	5.03	21.87	16478	146	4389	-3471	533	-837	75.9	14.1	68	441	
Light1	2022-07-26 00:49	18	5.03	21.81	16481	-13	1072	-3632	545	-303	87.8	2.2	72	544	
Light1	2022-07-26 00:49	18	5.03	21.81	2098	319	16679	-345	831	-2982	6	84.0	68	582	
Light1	2022-07-26 00:50	18	5.03	22.46	8273	842	15569	-1565	713	-2732	26.9	63.1	67	584	
Light1	2022-07-26 00:50	18	5.03	22.46	12943	361	11847	-2584	717	-2055	46.9	43.1	69	535	
Light1	2022-07-26 00:50	18	5.03	22.13	14437	205	9068	-3006	724	-1560	57.8	32.2	71	544	
Light1	2022-07-26 00:50	18	5.03	21.86	17007	620	2688	-3665	618	-90	81.7	8.3	86	367	
Light1	2022-07-26 00:50	17.7	5.03	21.86	767	-626	17669	-513	1077	-2890	1.3	88.7	90	234	
Light1	2022-07-26 00:50	18	5.03	21.86	4110	1473	16193	-1309	770	-2819	13	77.0	94	469	
Light1	2022-07-26 00:50	18	5.03	21.86	8343	941	14803	-2101	669	-2456	28.3	61.7	91	441	
Light1	2022-07-26 00:50	17.7	5.03	22.49	13259	1382	10819	-3020	579	-1622	50.1	39.9	88	376	
Light1	2022-07-26 00:50	17.7	5.03	21.97	13642	1093	10154	-3164	561	-1441	52.8	37.2	90	570	
Light1	2022-07-26 00:50	17.7	5.03	21.94	13940	1415	9742	-3179	567	-1419	54.5	35.5	87	557	
Light1	2022-07-26 00:50	17.7	5.03	21.92	15465	1021	7138	-3483	604	-786	65.2	24.8	88	506	
Light1	2022-07-26 00:50	17.7	5.03	21.92	16830	1211	3852	-3698	572	10	77.2	12.8	89	341	
Light1	2022-07-26 00:50	17.7	5.03	21.92	17463	775	732	-3709	608	198	86.9	3.1	100	572	
Light1	2022-07-26 00:50	17.7	5.03	21.88	16737	668	659	-3713	654	639	87.4	2.6	126	508	
Light1	2022-07-26 00:51	17.7	5.03	21.88	1766	972	17115	-1108	682	-2901	4.7	85.3	110	548	
Light1	2022-07-26 00:51	17.7	5.03	22.87	10046	1691	14281	-2603	507	-2123	34	56.0	103	373	
Light1	2022-07-26 00:51	17.7	5.03	21.97	14068	949	9710	-3366	564	-1086	55	35.0	97	495	
Light1	2022-07-26 00:51	17.7	5.03	21.97	16680	862	6746	-3645	633	-163	68	22.0	92	456	
Light1	2022-07-26 00:51	17.4	5.03	21.94	16690	338	2017	-3736	600	670	84.2	5.8	92	585	
Light1	2022-07-26 00:51	17.4	5.03	21.94	1799	-410	16373	-1455	653	-2800	5.1	84.9	133	569	
Light1	2022-07-26 00:52	17.4	5.03	21.94	2804	380	16894	-1566	612	-2754	8.2	81.8	126	354	
Light1	2022-07-26 00:52	17.4	5.03	21.78	13319	62	9810	-3534	396	-828	53.4	36.6	115	337	
Light1	2022-07-26 00:52	17.4	5.03	21.92	13905	-82	10221	-3566	436	-686	53.4	36.6	116	471	
Light1	2022-07-26 00:52	17.4	5.03	21.92	16414	44	6377	-3772	434	310	69.2	20.8	94	361	
Light1	2022-07-26 00:52	17.4	5.01	21.92	16660	74	3257	-3808	373	635	79.9	10.1	90	573	
Light1	2022-07-26 00:52	17.4	5.03	21.97	16818	130	1666	-3737	367	1218	85.6	4.4	103	309	
Light1	2022-07-26 00:52	17.4	5.03	21.97	781	660	17123	-1656	-24	-2807	1.4	88.6	166	550	
Light1	2022-07-26 00:52	17.4	5.03	21.97	2664	407	16270	-1997	-20	-2641	8.1	81.9	168	559	
Light1	2022-07-26 00:52	17.4	5.03	22.1	8540	715	14999	-2956	-120	-1896	28.6	61.4	168	369	
Light1	2022-07-26 00:52	17.4	5.03	22.1	12239	512	11604	-3532	-157	-1030	45.9	44.1	171	515	
Light1	2022-07-26 00:52	17.4	5.03	21.5	12221	1395	11903	-3577	-159	-948	44.9	45.1	161	574	
Light1	2022-07-26 00:52	17.4	5.03	21.5	15671	-129	6782	-3871	-10	260	67	23.0	124	178	
Light1	2022-07-26 00:52	17.4	5.03	21.5	16622	-89	3433	-3849	-9	1036	79.3	10.7	82	448	
Light1	2022-07-26 00:52	17.4	5.03	21.9	17038	-17	732	-3717	-84	1668	89	1.0	184	482	
Light1	2022-07-26 00:52	17.4	5.03	22.08	3059	42	16885	-2011	-289	-2628	9.1	80.9	187	249	
Light1	2022-07-26 00:52	17.4	5.03	21.4	8527	290	15886	-2977	-361	-1875	27.1	62.9	191	516	
Light1	2022-07-26 00:53	17.4	5.03	21.4	12871	-192	12740	-3582	-324	-940	44.6	45.4	200	596	
Light1	2022-07-26 00:53	17.4	5.03	21.61	15257	-725	8565	-3858	-297	-23	60.6	29.4	225	530	
Light1	2022-07-26 00:53	17	5.03	21.95	16067	-854	3856	-3902	-359	748	77.2	12.8	280	317	
Light1	2022-07-26 00:53	17	5.03	21.99	16548	-323	2184	-3860	-441	1232	83.7	6.3	252	432	
Light1	2022-07-26 00:53	17	5.03	21.99	962	14	16269	-1560	-736	-2775	2.2				

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz			
Light1	2022-07-26 00:53	17	5.03	21.92	15486	-1000	6210	-3890	-722	86	68.4	21.6	265
Light1	2022-07-26 00:54	17	5.03	21.97	16714	-438	3392	-3895	-776	861	79.5	10.5	270
Light1	2022-07-26 00:54	17	5.03	21.97	16664	-888	1944	-3866	-799	1157	83.9	6.1	249
Light1	2022-07-26 00:54	17	5.03	21.97	17058	163	739	-3734	-926	1620	88.7	1.3	264
Light1	2022-07-26 00:54	17	5.03	22.57	-736	-753	16753	-979	-777	-2955	-3.8	93.8	226
Light1	2022-07-26 00:54	17	5.03	22.57	7139	23	15435	-2380	-1017	-2334	23.7	66.3	241
Light1	2022-07-26 00:54	17	5.03	22.11	10363	-49	13418	-2994	-1059	-1799	36.9	53.1	248
Light1	2022-07-26 00:54	17	5.03	22.11	13187	-273	11176	-3464	-1065	-1155	49.3	40.7	255
Light1	2022-07-26 00:54	17	5.03	21.7	14600	-647	8455	-3691	-1034	-657	59.9	30.1	264
Light1	2022-07-26 00:54	17	5.03	21.88	16904	383	3277	-3872	-1254	443	79.9	10.1	272
Light1	2022-07-26 00:54	17	5.03	21.88	16577	-63	4943	-3872	-1219	362	74.1	15.9	270
Light1	2022-07-26 00:54	16.7	5.03	21.88	16946	-31	186	-3833	-1169	1186	89.1	0.9	79
Light1	2022-07-26 00:54	16.7	5.03	21.88	17043	-70	311	-3834	-1167	1239	89.5	0.5	83
Light1	2022-07-26 00:54	16.7	5.03	22.42	1296	-568	16929	-883	-945	-2936	3.2	86.8	254
Light1	2022-07-26 00:54	16.7	5.03	22.42	4335	-680	16991	-1591	-1011	-2755	13.2	76.8	251
Light1	2022-07-26 00:54	16.7	5.03	22.42	7321	-264	15636	-2101	-1086	-2511	24	66.0	258
Light1	2022-07-26 00:54	16.7	5.03	22.42	7440	-505	15034	-2143	-1086	-2488	25.3	64.7	260
Light1	2022-07-26 00:54	16.7	5.03	22.42	7971	-357	14343	-2234	-1092	-2424	28.1	61.9	263
Light1	2022-07-26 00:54	16.7	5.03	22.42	11156	-610	13067	-2843	-1106	-1949	39.7	50.3	264
Light1	2022-07-26 00:54	16.7	5.03	22.57	13356	-767	10337	-3268	-1082	-1480	51.9	38.1	269
Light1	2022-07-26 00:54	16.7	5.03	22.57	14207	-286	9547	-3394	-1153	-1236	55.9	34.1	270
Light1	2022-07-26 00:54	16.7	5.03	22.57	15945	-323	5569	-3737	-1248	-401	71.3	18.7	274
Light1	2022-07-26 00:54	16.7	5.01	21.87	16508	-89	2904	-3848	-1286	185	81.1	8.9	274
Light1	2022-07-26 00:55	16.7	5.03	21.87	-476	64	18200	36	-935	-2919	-2.9	92.9	290
Light1	2022-07-26 00:55	16.7	5.03	22.92	12296	-429	11816	-2585	-969	-2215	45.6	44.4	293
Light1	2022-07-26 00:55	16.7	5.03	23.02	14132	-546	8903	-3067	-1000	-1746	57.7	32.3	291
Light1	2022-07-26 00:55	16.7	5.03	21.96	16003	-390	6685	-3484	-1097	-1123	67.7	22.3	284
Light1	2022-07-26 00:55	16.7	5.03	21.96	16524	698	3826	-3690	-1199	-585	77.6	12.4	291
Light1	2022-07-26 00:55	16.7	5.03	21.96	17013	233	1544	-3831	-1201	-79	86	4.0	286
Light1	2022-07-26 00:55	16.4	5.03	21.94	2517	107	15793	-181	-759	-2997	7.9	82.1	320
Light1	2022-07-26 00:55	16.7	5.03	21.94	8680	-1208	14788	-1461	-618	-2879	29.4	60.6	313
Light1	2022-07-26 00:56	16.7	5.03	23.2	12780	-960	11080	-2493	-571	-2381	48.6	41.4	314
Light1	2022-07-26 00:56	16.7	5.03	22.24	14440	-828	8447	-2914	-584	-2001	59.7	30.3	314
Light1	2022-07-26 00:56	16.4	5.03	22.24	16715	-520	2727	-3665	-623	-883	81.7	8.3	296
Light1	2022-07-26 00:56	16.4	5.03	22.03	16641	-41	624	-3815	-647	-459	89.4	0.6	304
Light1	2022-09-23 21:11	11.2	5.03	21.94	589	-1048	16581	598	113	-3046	0.8	89.2	3
Light1	2022-09-23 21:11	11.2	5.03	22.31	6209	273	16040	-786	-240	-3157	20	70.0	358
Light1	2022-09-23 21:11	11.2	5.03	21.08	6958	-691	15881	-1017	-123	-3133	22.5	67.5	351
Light1	2022-09-23 21:11	11.2	5.03	21.08	10695	-742	13296	-1830	-77	-2871	38	52.0	353
Light1	2022-09-23 21:11	11.2	5.03	21.22	14245	-547	9613	-2789	-43	-2229	55.8	34.2	356
Light1	2022-09-23 21:11	11.2	5.03	21.22	16279	-834	5433	-3424	-35	-1461	72	18.0	340
Light1	2022-09-23 21:11	11.2	5.03	21.52	16797	-676	1676	-3797	-67	-687	85.1	4.9	302
Light1	2022-09-23 21:11	11.2	5.03	21.83	-1404	-714	16803	901	483	-2928	-6	96.0	29
Light1	2022-09-23 21:11	11.2	5.03	21.83	9666	-334	13729	-1538	329	-2948	34.3	55.7	24
Light1	2022-09-23 21:11	11.2	5.03	21.83	11009	-329	13018	-1969	334	-2764	39.5	50.5	27
Light1	2022-09-23 21:11	11.2	5.03	21.51	11710	-256	12552	-2052	316	-2711	42.3	47.7	25
Light1	2022-09-23 21:11	11.2	5.03	21.51	11648	-680	12314	-2084	340	-2690	42.8	47.2	20
Light1	2022-09-23 21:11	11.2	5.03	21.51	13354	-752	11437	-2510	284	-2412	48.9	41.1	20
Light1	2022-09-23 21:11	11.2	5.03	21.49	13121	-883	10731	-2592	316	-2343	50.3	39.7	19
Light1	2022-09-23 21:11	11.2	5.03	21.47	12845	-31	11665	-2423	131	-2509	47.2	42.8	22
Light1	2022-09-23 21:11	11.2	5.03	21.47	15235	215	7090	-3216	282	-1671	65.3	24.7	45
Light1	2022-09-23 21:11	11.2	5.03	21.42	16445	444	3594	-3609	59	-1090	78.5	11.5	47
Light1	2022-09-23 21:11	11.2	5.03	21.42	16841	570	1837	-3824	-42	-612	84.6	5.4	66
Light1	2022-09-23 21:11	11.2	5.03	21.42	17224	1352	2147	-3757	-221	-853	82.2	7.8	70
Light1	2022-09-23 21:11	11.2	5.03	21.35	1747	2347	17135	-53	150	-3176	4.7	85.3	51
Light1	2022-09-23 21:12	11.2	5.01	21.36	7704	573	14664	-1181	452	-3060	26.7	63.3	43
Light1	2022-09-23 21:12	11.2	5.03	21.36	8210	-174	14925	-1320	531	-2994	27.8	62.2	41
Light1	2022-09-23 21:12	11.2	5.03	21.36	11587	-379	12648	-2105	521	-2635	41.8	48.2	37
Light1	2022-09-23 21:12	11.2	5.01	21.15	14541	-463	9553	-2873	517	-2004	56.5	33.5	43
Light1	2022-09-23 21:12	11.2	5.03	21.15	14465	-20	9244	-2981	502	-1896	57.3	32.7	54
Light1	2022-09-23 21:12	11.2	5.03	21.36	16177	17	5810	-3411	414	-1330	70.8	19.2	53
Light1	2022-09-23 21:12	11.2	5.03	21.35	16652	232	1967	-3740	368	-591	84.4	5.6	69
Light1	2022-09-23 21:12	11.2	5.01	21.35	16795	1	1952	-3759	357	-542	84.6	5.4	63
Light1	2022-09-23 21:12	11.2	5.01	21.35	16850	110	2328	-3768	335	-539	83.3	6.7	67
Light1	2022-09-23 21:12	11.2	5.03	21.34	2499	-1359	17130	-172	922	-3062	7.2	82.8	50
Light1	2022-09-23 21:12	11.2	5.01	21.34	6202	-1358	16707	-862	855	-3032	19.2	70.8	46
Light1	2022-09-23 21:12	11.2	5.03	21.45	9728	-663	13374	-1778	834	-2727	35.2	54.8	48
Light1	2022-09-23 21:12	11.2	5.03	21.45	10799	-867	13176	-2012	790	-2608	38.5	51.5	48
Light1	2022-09-23 21:12	11.2	5.03	21.15	12753	-841	11061	-2493	721	-2300	48.6	41.4	45
Light1	2022-09-23 21:12	11.2	5.03	21.15	13104	37	9570	-2717	658	-2111	53.7	36.3	53
Light1	2022-09-23 21:12	11.2	5.03	21.25	14780	-481	8843	-2987	678	-1816	59.1	30.9	53
Light1	2022-09-23 21:12	11.2	5.03	21.25	15472	-131	7419	-3190	635	-1558	64.6	25.4	57
Light1	2022-09-23 21:12	11.2	5.03	21.26	15949	-468	7139	-3314	703	-1340	66.1	23.9	62
Light1	2022-09-23 21:12	11.2	5.03	21.27	16483	15	3199	-3658	583	-673	80.1	9.9	69
Light1	2022-09-23 21:12	11.2	5.03	21.27	16775	775	1268	-3829	391	-258	85.9	4.1	87
Light1	2022-09-23 21:12	11.2	5.01	21.27	16830	696	-243	-3893	385	68	86.4	3.6	176
Light1	2022-09-23 21:12	11.2	5.01	21.27	2291	-48	16746	-415	945	-3065	6.6	83.4	70
Light1	2022-09-23 21:12	11.2	5.03	21.43	8089	-410	15327	-1623	856	-2792	26.8	63.2	65
Light1	2022-09-23 21:12	11.2	5.03	21.43	12297	402	11565	-2485	675	-2318	46.2	43.8	60
Light1	2022-09-23 21:12	11.2	5.01	21.43	14240	526	9008	-2956	654	-1864	57.5	32.5	63
Light1	2022-09-23 21:12	11.2	5.03	21.09	15082	499	8101	-3326	624	-1364	61.8	28.2	76
Light1	2022-09-23 21:12	11.2	5.01	21.09	16306	940	4746	-3670	555	-652	74.1	15.9	82
Light1	2022-09-23 21:12	11.2	5.03	21.09	16832	623	2951	-3775	551	-277	80.8	9.2	84
Light1	2022-09-23 21:12	10.9	5.03	21.19	17072	280	1330	-3804	630	55	86.7	3.3	87
Light1	2022-09-23 21:12	10.9	5.03	21.19	1593	221	17194	-474	887	-3070	4.2	85.8	80
Light1	2022-09-23 21:12	10.9	5.03	21.54	8156	-29	15026	-1848	881	-2671	27.5	62.5	77

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-09-23 21:12	10.9	5.03	21.54	13418	139	10292	-2908	775	-1862	52.2	37.8	71	295	
Light1	2022-09-23 21:12	10.9	5.03	21.18	14599	434	8944	-3304	719	-1353	58.4	31.6	82	407	
Light1	2022-09-23 21:12	10.9	5.03	21.18	16246	1084	5040	-3707	613	-509	72.9	17.1	86	354	
Light1	2022-09-23 21:13	10.9	5.01	21.19	16926	901	1043	-3839	621	329	86	4.0	98	311	
Light1	2022-09-23 21:13	10.9	5.01	21.19	16542	929	-1334	-3838	572	973	82.7	7.3	270	538	
Light1	2022-09-23 21:13	10.9	5.03	21.2	-1012	-871	17184	-26	1070	-3009	-4.7	94.7	84	405	
Light1	2022-09-23 21:13	10.9	5.03	21.2	4584	-1247	16608	-1217	1178	-2835	14.2	75.8	85	197	
Light1	2022-09-23 21:13	10.9	5.03	21.2	9953	-535	13747	-2196	1008	-2399	35	55.0	75	519	
Light1	2022-09-23 21:13	10.9	5.01	21.97	9988	-277	14419	-2391	918	-2291	33.8	56.2	89	401	
Light1	2022-09-23 21:13	10.9	5.03	21.97	12229	-197	12203	-2849	873	-1888	44.4	45.6	86	587	
Light1	2022-09-23 21:13	10.9	5.03	21.22	14173	-77	9216	-3315	838	-1233	56.9	33.1	87	446	
Light1	2022-09-23 21:13	10.9	5.03	21.22	16576	382	5074	-3738	708	-198	73.5	16.5	88	450	
Light1	2022-09-23 21:13	10.9	5.03	21.22	16701	592	2698	-3809	678	228	81.6	8.4	89	343	
Light1	2022-09-23 21:13	10.9	5.01	21.18	16744	445	399	-3822	665	790	88.3	1.7	236	572	
Light1	2022-09-23 21:13	10.9	5.03	21.18	-683	-397	17394	-308	991	-3056	-3.6	93.6	95	458	
Light1	2022-09-23 21:13	10.9	5.03	21.18	5411	-578	16229	-1631	1021	-2730	17.3	72.7	97	514	
Light1	2022-09-23 21:13	10.9	5.03	21.74	11024	-644	12935	-2686	958	-2018	39.7	50.3	89	406	
Light1	2022-09-23 21:13	10.9	5.03	21.74	13631	-669	10056	-3237	941	-1287	53.3	36.7	89	396	
Light1	2022-09-23 21:13	10.9	5.03	21.27	14993	-447	8430	-3497	873	-831	60.7	29.3	90	161	
Light1	2022-09-23 21:13	10.9	5.03	21.25	16517	-245	4321	-3768	742	4	76.2	13.8	87	217	
Light1	2022-09-23 21:13	10.9	5.03	21.25	16914	-313	524	-3772	772	895	89	1.0	66	546	
Light1	2022-09-23 21:13	10.6	5.03	21.18	-1157	-576	17430	-784	919	-3025	-5.2	95.2	124	321	
Light1	2022-09-23 21:13	10.6	5.01	21.18	-31	-402	17193	-935	856	-3005	-1.4	91.4	121	168	
Light1	2022-09-23 21:13	10.6	5.03	21.81	7897	-1019	15235	-2525	831	-2220	26.3	63.7	120	455	
Light1	2022-09-23 21:13	10.6	5.03	20.82	9165	-496	14660	-2788	716	-2031	31	59.0	121	488	
Light1	2022-09-23 21:13	10.6	5.03	20.87	13294	-476	10893	-3444	643	-1133	50.3	39.7	109	537	
Light1	2022-09-23 21:13	10.6	5.03	21.24	15517	-203	7816	-3811	520	-159	63.4	26.6	101	582	
Light1	2022-09-23 21:13	10.6	5.03	21.24	15810	43	6862	-3849	504	26	66.9	23.1	97	570	
Light1	2022-09-23 21:13	10.6	5.03	21.25	16740	164	626	-3860	386	1166	89	1.0	200	298	
Light1	2022-09-23 21:13	10.6	5.03	21.17	16753	-157	754	-3755	552	1457	88.9	1.1	99	449	
Light1	2022-09-23 21:13	10.6	5.03	21.17	-2478	-2128	17768	-794	666	-3082	-9.5	99.5	157	382	
Light1	2022-09-23 21:14	10.6	5.01	21.42	9864	-1037	14027	-3129	532	-1702	34.2	55.8	139	595	
Light1	2022-09-23 21:14	10.6	5.03	21.42	11683	-1022	12336	-3365	448	-1382	42.7	47.3	135	293	
Light1	2022-09-23 21:14	10.6	5.01	21.32	15292	-1744	6963	-3857	498	111	65.3	24.7	103	463	
Light1	2022-09-23 21:14	10.3	5.01	21.17	16766	-381	2907	-3906	217	1161	81.2	8.8	93	539	
Light1	2022-09-23 21:14	10.3	5.01	21.17	450	-920	16412	-1327	109	-3048	0.3	89.7	175	577	
Light1	2022-09-23 21:14	10.3	5.03	21.52	7545	-1912	15702	-2846	79	-2162	24.5	65.5	187	428	
Light1	2022-09-23 21:14	10.3	5.01	21.52	11060	-1627	13649	-3416	-25	-1474	38	52.0	190	252	
Light1	2022-09-23 21:14	10.3	5.01	21.1	14276	-1144	9746	-3860	-97	-491	55.4	34.6	192	515	
Light1	2022-09-23 21:14	10.3	5.01	21.1	16014	-1096	6023	-4018	-122	432	69.6	20.4	175	423	
Light1	2022-09-23 21:14	10.3	5.03	21.18	16054	-78	5188	-4023	-214	816	72.8	17.2	312	580	
Light1	2022-09-23 21:14	10.3	5.03	21.18	16790	-560	-324	-3826	-276	1782	86.6	3.4	71	599	
Light1	2022-09-23 21:14	10.3	5.03	21.15	-2742	-859	16909	-860	-374	-3133	-10.5	100.5	201	277	
Light1	2022-09-23 21:14	10.3	5.03	21.15	8138	-754	14934	-2875	-576	-2149	27.6	62.4	220	332	
Light1	2022-09-23 21:14	10.3	5.01	21.17	11458	-585	13010	-3445	-705	-1460	40.6	49.4	231	328	
Light1	2022-09-23 21:14	10.3	5.03	21.17	14538	-1146	9879	-3731	-631	-918	55.5	34.5	250	405	
Light1	2022-09-23 21:14	10.3	5.03	21.17	14965	260	7917	-3954	-773	-242	62.2	27.8	255	255	
Light1	2022-09-23 21:14	10.3	5.01	21.09	16528	180	4083	-4040	-908	527	77	13.0	270	496	
Light1	2022-09-23 21:14	10.3	5.03	21.09	16804	243	1323	-3947	-940	1365	86.7	3.3	263	334	
Light1	2022-09-23 21:14	9.9	5.03	21.12	-1042	376	17188	-937	-905	-3027	-4.8	94.8	221	263	
Light1	2022-09-23 21:14	9.9	5.03	21.12	9451	-158	14506	-2932	-974	-2031	32.1	57.9	240	525	
Light1	2022-09-23 21:14	9.9	5.03	22.36	14487	-807	8884	-3829	-1034	-589	58.4	31.6	261	434	
Light1	2022-09-23 21:15	9.9	5.03	22.36	16309	52	4920	-3988	-1143	232	73.9	16.1	271	473	
Light1	2022-09-23 21:15	9.9	5.03	21.18	16645	414	1963	-3980	-1230	898	84.3	5.7	270	506	
Light1	2022-09-23 21:15	9.9	5.01	21.18	16774	81	-774	-3876	-1231	1446	85.6	4.4	74	489	
Light1	2022-09-23 21:15	9.9	5.03	21.17	-638	-594	16513	-569	-984	-3035	-3.5	93.5	250	421	
Light1	2022-09-23 21:15	9.9	5.01	21.17	-493	-738	17356	-641	-866	-3061	-2.9	92.9	246	428	
Light1	2022-09-23 21:15	9.9	5.03	21.17	10118	1	13655	-2767	-1186	-2122	35.7	54.3	260	563	
Light1	2022-09-23 21:15	9.9	5.03	21.17	11740	-2	12754	-3021	-1174	-1898	41.9	48.1	263	472	
Light1	2022-09-23 21:15	9.9	5.03	21.17	15856	-557	7081	-3571	-1152	-1111	66.2	23.8	280	529	
Light1	2022-09-23 21:15	9.9	5.03	21.37	16519	563	4688	-3898	-1345	-78	74.7	15.3	275	544	
Light1	2022-09-23 21:15	9.9	5.03	21.37	16945	445	949	-3965	-1346	622	87.5	2.5	285	488	
Light1	2022-09-23 21:15	9.9	5.03	21.25	16532	787	-1678	-3876	-1407	1283	81.8	8.2	73	371	
Light1	2022-09-23 21:15	9.9	5.03	21.18	3600	-1112	16706	-1136	-776	-3041	10.9	79.1	266	493	
Light1	2022-09-23 21:15	9.6	5.03	22.55	11198	-184	12894	-2633	-1072	-2275	40.2	49.8	279	221	
Light1	2022-09-23 21:15	9.6	5.03	21.49	15005	-491	8527	-3454	-1097	-1370	60.4	29.6	279	551	
Light1	2022-09-23 21:15	9.6	5.03	21.46	16050	98	5261	-3685	-1148	-912	72.5	17.5	286	482	
Light1	2022-09-23 21:15	9.6	5.01	21.42	16396	589	3523	-3834	-1258	-399	78.6	11.4	286	587	
Light1	2022-09-23 21:15	9.6	5.03	21.42	16934	1571	-598	-3940	-1388	231	83.3	6.7	78	548	
Light1	2022-09-23 21:15	9.6	5.01	21.3	16337	2008	110	-3922	-1477	355	82.5	7.5	53	461	
Light1	2022-09-23 21:15	9.3	5.03	21.3	-478	647	17555	96	-978	-2983	-2.9	92.9	296	142	
Light1	2022-09-23 21:15	9.3	5.03	21.3	4212	155	16782	-587	-916	-3058	12.9	77.1	309	559	
Light1	2022-09-23 21:16	9.6	5.03	21.76	11875	484	12323	-2544	-1091	-2338	43.3	46.7	295	441	
Light1	2022-09-23 21:16	9.6	5.03	21.76	13757	404	10218	-2901	-1004	-2053	53.1	36.9	302	318	
Light1	2022-09-23 21:16	9.6	5.03	21.4	14854	-303	8783	-3220	-998	-1715	59.4	30.6	292	283	
Light1	2022-09-23 21:16	9.6	5.03	21.4	556	18446	17682	1545	4534	368	0.6	89.4	114	3322	
Light1	2022-09-23 21:16	9.3	5.03	21.4	16687	889	1224	-3944	-1138	-136	85.6	4.4	342	386	
Light1	2022-09-23 21:16	9.3	5.03	21.38	16662	983	-1913	-3991	-1192	416	80.9	9.1	88	361	
Light1	2022-09-23 21:16	9.3	5.03	21.38	3395	622	17111	-413	-726	-3113	10.2	79.8	323	517	
Light1	2022-09-23 21:16	9.3	5.03	21.35	9032	986	14558	-1614	-909	-2873	30.8	59.2	322	293	
Light1	2022-09-23 21:16	9.3	5.03	21.35	9267	1028	14239	-1681	-886	-2860	32	58.0	325	281	
Light1	2022-09-23 21:16	9.3	5.03	21.24	12929	1095	10835	-2562	-981	-2356	49.4	40.6	323	461	
Light1	2022-09-23 21:16</														

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-09-23 21:16	9.3	5.03	21.2	14790	4915	-4273	-4006	-1134	799	64.5	25.5	104	408	
Light1	2022-09-29 20:47	13.5	5.03	22.82	760	-417	16703	345	268	-3062	1.4	88.6	22	551	
Light1	2022-09-29 20:47	13.5	5.03	21.2	5660	57	16333	-744	23	-3133	18	72.0	15	394	
Light1	2022-09-29 20:47	13.5	5.01	21.2	7947	-104	14468	-1293	2	-3028	27.8	62.2	10	443	
Light1	2022-09-29 20:47	13.5	5.03	21.12	9039	-253	14307	-1559	43	-2939	31.3	58.7	11	452	
Light1	2022-09-29 20:47	13.5	5.03	21.46	16148	-491	5895	-3423	34	-1416	70.4	19.6	3	488	
Light1	2022-09-29 20:47	13.5	5.03	21.46	17437	-896	2975	-3633	70	-997	80.7	9.3	327	569	
Light1	2022-09-29 20:47	13.5	5.03	21.44	16362	512	1767	-3797	-77	-650	84.8	5.2	63	494	
Light1	2022-09-29 20:47	13.5	5.03	21.44	-153	-384	16978	441	578	-3015	-1.8	91.8	42	172	
Light1	2022-09-29 20:47	13.5	5.03	21.93	6236	-360	15599	-1017	549	-3038	20.7	69.3	45	376	
Light1	2022-09-29 20:47	13.5	5.03	21.02	7113	-318	15959	-1213	569	-2994	22.9	67.1	49	457	
Light1	2022-09-29 20:47	13.5	5.03	21.02	7710	-157	15406	-1224	568	-2985	25.5	64.5	44	486	
Light1	2022-09-29 20:47	13.5	5.03	21.07	9268	-739	14591	-1753	608	-2773	31.5	58.5	47	265	
Light1	2022-09-29 20:48	13.5	5.03	21.23	11369	-133	13179	-2301	468	-2505	40	50.0	53	427	
Light1	2022-09-29 20:48	13.5	5.03	21.23	12483	238	11856	-2462	500	-2373	45.9	44.1	52	313	
Light1	2022-09-29 20:48	13.5	5.03	21.23	13209	316	10542	-2656	447	-2225	51	39.0	50	543	
Light1	2022-09-29 20:48	13.5	5.03	21.27	13979	212	9824	-2855	405	-2044	54.7	35.3	51	589	
Light1	2022-09-29 20:48	13.5	5.03	21.27	14895	46	9038	-3100	408	-1785	58.7	31.3	55	502	
Light1	2022-09-29 20:48	13.5	5.03	21.32	16531	126	3566	-3635	414	-838	78.8	11.2	63	530	
Light1	2022-09-29 20:48	13.5	5.03	21.32	16927	63	1834	-3821	350	-281	85.1	4.9	74	581	
Light1	2022-09-29 20:48	13.2	5.03	21.3	103	235	17241	151	663	-3064	-0.9	90.9	60	398	
Light1	2022-09-29 20:48	13.2	5.03	20.99	7477	412	15315	-1382	543	-2946	24.9	65.1	56	351	
Light1	2022-09-29 20:48	13.2	5.03	21.14	11766	268	12949	-2292	516	-2498	41.5	48.5	55	332	
Light1	2022-09-29 20:48	13.2	5.03	21.23	14537	228	9188	-3027	442	-1846	57.6	32.4	57	569	
Light1	2022-09-29 20:48	13.2	5.03	21.23	15893	1355	6445	-3554	220	-1149	67.7	22.3	76	563	
Light1	2022-09-29 20:48	13.2	5.01	21.23	16031	607	5784	-3523	417	-1102	70.5	19.5	71	275	
Light1	2022-09-29 20:48	13.2	5.03	21.24	16919	322	1658	-3831	446	-173	85.5	4.5	82	576	
Light1	2022-09-29 20:48	13.2	5.01	21.24	2460	84	16467	-573	798	-3064	7.3	82.7	74	286	
Light1	2022-09-29 20:48	13.2	5.03	21.24	1312	892	16736	-375	797	-3068	3.3	86.7	78	404	
Light1	2022-09-29 20:48	13.2	5.03	21.65	5944	8	16512	-1231	793	-2918	18.6	71.4	72	573	
Light1	2022-09-29 20:48	13.2	5.03	21.23	9861	254	14146	-2131	4601	390	34	56.0	90	579	
Light1	2022-09-29 20:49	12.8	5.03	21.23	12505	336	11682	-2744	636	-2081	46.4	43.6	74	398	
Light1	2022-09-29 20:49	12.8	5.03	21.15	14932	1086	9545	-3393	495	-1312	57	33.0	89	498	
Light1	2022-09-29 20:49	12.8	5.01	21.2	16158	-250	5132	-3563	751	-719	73.1	16.9	76	510	
Light1	2022-09-29 20:49	12.8	5.03	21.2	16510	-11	2106	-3772	703	4	84	6.0	83	483	
Light1	2022-09-29 20:49	12.8	5.03	21.23	16814	-27	34	-3811	665	199	88.5	1.5	263	508	
Light1	2022-09-29 20:49	12.8	5.03	21.23	16935	-655	1046	-3800	686	170	87	3.0	55	271	
Light1	2022-09-29 20:49	12.8	5.03	21.24	1283	81	16873	-530	915	-3028	3.1	86.9	86	579	
Light1	2022-09-29 20:49	12.8	5.03	21.89	9995	205	13937	-2337	726	-2398	34.8	55.2	83	330	
Light1	2022-09-29 20:49	12.8	5.03	21.21	13454	255	10427	-3122	742	-1586	51.9	38.1	85	409	
Light1	2022-09-29 20:49	12.5	5.03	21.2	16310	-149	4412	-3701	773	-233	75.7	14.3	84	301	
Light1	2022-09-29 20:49	12.5	5.01	21.19	16846	-664	1187	-3746	863	481	86.6	3.4	76	468	
Light1	2022-09-29 20:49	12.5	5.03	21.72	4958	393	16275	-1812	656	-2740	15.8	74.2	114	413	
Light1	2022-09-29 20:49	12.5	5.03	21.31	10705	434	13541	-2832	678	-1983	37.5	52.5	103	418	
Light1	2022-09-29 20:49	12.2	5.03	21.31	13290	-86	10891	-3292	701	-1354	50.3	39.7	99	352	
Light1	2022-09-29 20:50	12.2	5.01	21.26	13530	174	10417	-3360	646	-1291	52.1	37.9	98	546	
Light1	2022-09-29 20:50	12.2	5.03	21.33	15549	271	7903	-3671	610	-582	63.1	26.9	95	518	
Light1	2022-09-29 20:50	12.2	5.03	21.33	15554	344	7712	-3698	594	-506	63.7	26.3	96	443	
Light1	2022-09-29 20:50	12.2	5.01	21.18	16683	-111	3524	-3818	669	325	79	11.0	89	281	
Light1	2022-09-29 20:50	12.2	5.01	21.18	16787	540	12	-3813	577	1115	87.4	2.6	266	464	
Light1	2022-09-29 20:50	11.9	5.03	21.5	434	-1402	17113	-1137	980	-2906	0.2	89.8	128	539	
Light1	2022-09-29 20:50	11.9	5.03	21.5	2121	-198	17000	-1578	642	-2849	5.9	84.1	134	472	
Light1	2022-09-29 20:50	11.9	5.03	22.03	6966	-379	15565	-2550	563	-2290	23	67.0	135	426	
Light1	2022-09-29 20:50	11.9	5.03	20.81	9600	-166	14258	-2966	501	-1913	33	57.0	130	419	
Light1	2022-09-29 20:50	11.9	5.01	20.81	11057	-381	12974	-3251	475	-1544	39.7	50.3	129	531	
Light1	2022-09-29 20:50	11.9	5.03	21.18	12670	-179	11568	-3512	452	-1099	47.1	42.9	123	453	
Light1	2022-09-29 20:50	11.9	5.03	21.18	14277	-73	9525	-3729	391	-632	56.1	33.9	115	400	
Light1	2022-09-29 20:50	11.9	5.03	21.3	15906	12	6101	-3902	380	176	69.5	20.5	97	325	
Light1	2022-09-29 20:50	11.6	5.03	21.3	16696	299	2805	-3927	294	919	81.5	8.5	91	410	
Light1	2022-09-29 20:50	11.6	5.03	21.2	16951	717	1189	-3904	281	1131	86.2	3.8	208	578	
Light1	2022-09-29 20:50	11.6	5.01	21.2	16833	157	1111	-3852	290	1369	87.5	2.5	129	346	
Light1	2022-09-29 20:50	11.6	5.03	21.16	17127	291	1091	-3863	283	1341	87.4	2.6	157	477	
Light1	2022-09-29 20:50	11.6	5.01	21.67	3287	675	16758	-2081	69	-2712	9.9	80.1	160	211	
Light1	2022-09-29 20:50	11.6	5.03	21.67	3736	797	16306	-2124	61	-2709	11.7	78.3	157	592	
Light1	2022-09-29 20:50	11.6	5.03	21.69	8359	730	15028	-2949	23	-2062	28	62.0	157	512	
Light1	2022-09-29 20:50	11.6	5.03	21.18	9446	420	14245	-3170	80	-1807	32.6	57.4	156	381	
Light1	2022-09-29 20:50	11.6	5.03	21.18	13278	480	10656	-3723	87	-832	50.8	39.2	141	150	
Light1	2022-09-29 20:50	11.6	5.03	21.27	14912	575	8110	-3919	44	-185	61.5	28.5	127	315	
Light1	2022-09-29 20:51	11.2	5.03	21.29	16303	221	5244	-3999	81	574	72.8	17.2	91	449	
Light1	2022-09-29 20:51	11.2	5.03	21.29	16259	137	5520	-3998	92	606	71.8	18.2	89	493	
Light1	2022-09-29 20:51	11.2	5.03	21.22	16314	308	3390	-3985	86	833	79.2	10.8	84	581	
Light1	2022-09-29 20:51	11.2	5.03	21.22	16884	876	2242	-3922	-30	1397	82.8	7.2	251	512	
Light1	2022-09-29 20:51	11.2	5.03	21.15	16711	567	1103	-3913	-12	1410	86.8	3.2	254	393	
Light1	2022-09-29 20:51	11.2	5.03	21.15	16993	626	1404	-3891	59	1452	85.9	4.1	243	452	
Light1	2022-09-29 20:51	11.2	5.03	21.45	1045	-743	16945	-1672	16	-2922	2.3	87.7	179	577	
Light1	2022-09-29 20:51	11.2	5.03	21.45	3976	276	16837	-2208	4	-2651	12.1	77.9	167	552	
Light1	2022-09-29 20:51	11.2	5.01	21.71	9336	115	14200	-3235	-193	-1782	32.4	57.6	181	376	
Light1	2022-09-29 20:51	11.2	5.03	21.22	13276	-343	10684	-3767	-110	-808	50.8	39.2	180	514	
Light1	2022-09-29 20:51	11.2	5.01	21.22	15231	-419	7650	-4001	-137	16	63.5	26.5	184	403	
Light1	2022-09-29 20:51	11.2	5.03	21.28	16434	-355	4060	-4021	-194	947	77	13.0	351	532	
Light1	2022-09-29 20:51	11.2	5.03	21.22	17141	-224	3123	-3937	-186	1413	80.6	9.4	154	453	
Light1	2022-09-29 20:51	11.2	5.03	21.22	17002	451	2365	-3971	-243	1308	83	7.0	258	313	
Light1	2022-09-29 20:51	11.2	5.03	21.13	16725	1									

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light1	2022-09-29 20:51	10.9	5.03	21.09	13444	154	10284	-3804	-673	-795	52.3	37.7	236	301	
Light1	2022-09-29 20:51	10.9	5.03	21.09	15882	-49	6760	-4004	-685	-69	67.3	22.7	260	548	
Light1	2022-09-29 20:51	10.9	5.03	21.09	15331	-210	7592	-4007	-669	-77	63.9	26.1	256	443	
Light1	2022-09-29 20:51	10.9	5.01	21.1	15181	-287	7325	-4018	-646	-12	64.5	25.5	256	512	
Light1	2022-09-29 20:51	10.9	5.03	21.1	16077	-271	5532	-4067	-647	459	71.6	18.4	268	424	
Light1	2022-09-29 20:51	10.9	5.01	21.11	16730	-157	2030	-3991	-671	1289	84.3	5.7	257	595	
Light1	2022-09-29 20:51	10.9	5.03	21.11	16726	489	-1021	-3796	-763	1924	84.4	5.6	17	317	
Light1	2022-09-29 20:51	10.9	5.01	21.18	16918	599	-457	-3829	-739	1859	86.1	3.9	331	483	
Light1	2022-09-29 20:51	10.9	5.01	21.18	-833	272	16965	-865	-988	-3000	-4	94.0	230	543	
Light1	2022-09-29 20:51	10.9	5.01	21.18	5531	1035	16103	-2187	-1195	-2528	17.8	72.2	235	534	
Light1	2022-09-29 20:52	10.9	5.03	21.18	10102	763	14026	-3054	-1234	-1838	34.8	55.2	245	503	
Light1	2022-09-29 20:52	10.9	5.03	22.38	14468	739	9284	-3754	-1267	-667	57.1	32.9	262	402	
Light1	2022-09-29 20:52	10.9	5.03	21.34	15832	-18	6253	-3950	-1108	-105	68.9	21.1	269	399	
Light1	2022-09-29 20:52	10.9	5.03	21.16	16860	331	3670	-4014	-1137	370	78.5	11.5	272	281	
Light1	2022-09-29 20:52	10.6	5.03	21.16	17066	209	1559	-4000	-1129	993	86	4.0	268	452	
Light1	2022-09-29 20:52	10.6	5.01	21.13	16925	-45	390	-3926	-1156	1359	89.8	0.2	76	340	
Light1	2022-09-29 20:52	10.6	5.03	21.13	17072	570	618	-3945	-1286	1155	87.8	2.2	289	545	
Light1	2022-09-29 20:52	10.6	5.03	21.18	57	-129	17272	-708	-1017	-3004	-1.1	91.1	249	247	
Light1	2022-09-29 20:52	10.6	5.03	21.18	6678	496	15535	-1982	-1272	-2608	22.2	67.8	260	297	
Light1	2022-09-29 20:52	10.6	5.03	21.18	11109	596	13275	-2922	-1353	-1921	39.1	50.9	262	480	
Light1	2022-09-29 20:52	10.6	5.03	21.18	13834	675	9792	-3434	-1393	-1268	54.4	35.6	271	305	
Light1	2022-09-29 20:52	10.6	5.03	22.56	14647	301	9178	-3598	-1286	-1027	57.8	32.2	269	436	
Light1	2022-09-29 20:52	10.6	5.03	21.33	15780	192	6261	-3820	-1293	-477	68.8	21.2	274	410	
Light1	2022-09-29 20:52	10.6	5.03	21.33	15746	212	6689	-3804	-1289	-507	67.3	22.7	272	195	
Light1	2022-09-29 20:52	10.6	5.03	21.33	16698	74	3290	-3927	-1302	-14	79.9	10.1	276	389	
Light1	2022-09-29 20:52	10.3	5.03	21.17	16747	234	3307	-3980	-1261	326	79.8	10.2	273	426	
Light1	2022-09-29 20:52	10.3	5.01	21.17	16980	165	2388	-3986	-1248	360	83.1	6.9	274	348	
Light1	2022-09-29 20:52	10.3	5.03	21.17	16872	-240	2359	-3991	-1215	340	83.2	6.8	271	546	
Light1	2022-09-29 20:52	10.3	5.01	21.17	-1228	44	17456	-209	-1007	-3004	-5.4	95.4	263	511	
Light1	2022-09-29 20:52	10.3	5.03	21.17	6138	180	16082	-1603	-1136	-2802	19.8	70.2	272	299	
Light1	2022-09-29 20:52	10.3	5.01	21.17	6354	65	15701	-1658	-1128	-2770	20.9	69.1	273	330	
Light1	2022-09-29 20:52	10.3	5.03	22.71	10896	-279	13198	-2629	-1074	-2263	38.8	51.2	274	442	
Light1	2022-09-29 20:52	10.3	5.03	22.71	10513	714	12292	-2594	-1144	-2279	39.8	50.2	281	312	
Light1	2022-09-29 20:52	10.3	5.01	22.71	11370	-2	12487	-2586	-1140	-2278	41.6	48.4	285	401	
Light1	2022-09-29 20:52	10.3	5.03	22.71	12188	32	10985	-2932	-1097	-1991	47.5	42.5	281	582	
Light1	2022-09-29 20:53	10.3	5.03	21.56	14217	57	9267	-3326	-1152	-1531	56.8	33.2	280	423	
Light1	2022-09-29 20:53	10.3	5.03	21.56	14543	-333	8172	-3402	-1134	-1429	60.8	29.2	282	306	
Light1	2022-09-29 20:53	10.3	5.03	21.41	16210	79	5389	-3727	-1182	-782	72.2	17.8	282	538	
Light1	2022-09-29 20:53	9.9	5.03	21.37	16145	-272	5273	-3771	-1119	-703	72.6	17.4	279	578	
Light1	2022-09-29 20:53	9.9	5.01	21.22	16717	112	-77	-3993	-1232	340	88	2.0	89	250	
Light1	2022-09-29 20:53	9.9	5.01	21.22	17199	312	893	-3971	-1317	299	88	2.0	291	424	
Light1	2022-09-29 20:53	9.9	5.03	21.24	2097	389	17508	-313	-849	-3050	5.8	84.2	306	553	
Light1	2022-09-29 20:53	9.6	5.03	22.37	10513	-460	12905	-2092	-857	-2656	38.4	51.6	306	574	
Light1	2022-09-29 20:53	9.9	5.03	22.37	11887	-532	12108	-2521	-831	-2401	43.9	46.1	298	289	
Light1	2022-09-29 20:53	9.9	5.03	21.45	13663	137	10532	-3004	-975	-1965	52	38.0	292	571	
Light1	2022-09-29 20:53	9.6	5.03	21.42	15314	179	7550	-3384	-1019	-1495	63.9	26.1	295	420	
Light1	2022-09-29 20:53	9.6	5.03	21.42	16266	305	5113	-3683	-1068	-941	73.2	16.8	291	356	
Light1	2022-09-29 20:53	9.6	5.03	21.26	17065	293	706	-3969	-1050	-70	88.5	1.5	350	586	
Light1	2022-09-29 20:53	9.6	5.01	21.22	16988	470	1008	-3963	-1007	-151	87.3	2.7	332	430	
Light1	2022-09-29 20:54	9.3	5.03	21.26	1166	-601	17224	96	-446	-3085	2.7	87.3	328	577	
Light1	2022-09-29 20:54	9.3	5.01	22.48	7513	-111	15758	-1339	-553	-3008	24.4	65.6	321	568	
Light1	2022-09-29 20:54	9.3	5.03	21.22	11545	212	12499	-2195	-660	-2644	42	48.0	327	545	
Light1	2022-09-29 20:54	9.3	5.03	21.22	11241	50	13167	-2179	-668	-2644	39.7	50.3	319	491	
Light1	2022-09-29 20:54	9.3	5.03	21.37	12928	-441	11480	-2537	-503	-2441	47.9	42.1	323	522	
Light1	2022-09-29 20:54	9.3	5.03	21.39	15822	84	5483	-3470	-672	-1437	71.5	18.5	317	249	
Light1	2022-09-29 20:54	9.3	5.03	21.39	16023	-45	5507	-3527	-633	-1347	71.6	18.4	312	567	
Light1	2022-09-29 20:54	9	5.03	21.48	16816	282	2023	-3864	-651	-616	84.3	5.7	322	451	
Light1	2022-09-29 20:54	9	5.03	21.32	16809	33	-405	-4012	-707	-43	86.9	3.1	100	407	
Light2	2021-09-10 22:20	12.5	5.03	20.53	3677	1547	16406	-442	-1027	-2988	11.4	78.6	320	237	
Light2	2021-09-10 22:20	12.5	5.01	22.34	3333	1416	17035	-221	-702	-3066	10	80.0	342	596	
Light2	2021-09-10 22:20	12.5	5.03	22.34	3162	1620	16540	-6	-268	-3105	9.6	80.4	13	580	
Light2	2021-09-10 22:20	12.5	5.01	22.34	2390	1378	17246	-15	141	-3120	6.8	83.2	36	536	
Light2	2021-09-10 22:20	12.5	5.01	22.34	2979	-23	16715	-22	153	-3112	8.9	81.1	19	497	
Light2	2021-09-10 22:20	12.8	5.03	22.48	1237	300	16893	-30	645	-3056	3	87.0	58	558	
Light2	2021-09-10 22:20	12.8	5.03	22.48	978	729	17705	-304	725	-3039	2.1	87.9	77	453	
Light2	2021-09-10 22:20	12.5	5.03	22.48	1299	778	17049	-396	732	-3039	3.2	86.8	79	366	
Light2	2021-09-10 22:20	12.5	5.01	22.34	1319	494	16868	-586	800	-3005	3.3	86.7	88	409	
Light2	2021-09-10 22:20	12.5	5.03	21.76	1489	-168	16972	-849	948	-2922	3.8	86.2	100	486	
Light2	2021-09-10 22:20	12.5	5.03	21.76	1228	-909	17113	-836	969	-2911	2.9	87.1	104	291	
Light2	2021-09-10 22:20	12.5	5.01	21.76	1275	-37	17190	-1071	842	-2889	3.1	86.9	114	373	
Light2	2021-09-10 22:20	12.5	5.03	21.76	1132	-228	17215	-1110	805	-2908	2.6	87.4	119	483	
Light2	2021-09-10 22:20	12.5	5.01	21.76	1261	-745	17365	-1145	816	-2884	3	87.0	122	597	
Light2	2021-09-10 22:20	12.5	5.03	21.76	1095	-240	16674	-1376	570	-2881	2.5	87.5	138	556	
Light2	2021-09-10 22:20	12.8	5.03	22.39	1101	-89	17119	-1618	155	-2878	2.5	87.5	163	532	
Light2	2021-09-10 22:21	12.5	5.03	22.39	735	-668	17303	-1649	-192	-2885	1.2	88.8	189	321	
Light2	2021-09-10 22:21	12.5	5.03	22.39	1746	45	16991	-1699	-638	-2835	4.7	85.3	207	549	
Light2	2021-09-10 22:21	12.5	5.03	22.39	1786	452	17344	-1515	-1017	-2831	4.8	85.2	226	559	
Light2	2021-09-10 22:21	12.5	5.01	22.39	1564	-332	16866	-1501	-1033	-2838	4.1	85.9	231	405	
Light2	2021-09-10 22:21	12.5	5.03	23.54	1617	258	17374	-1181	-1182	-2880	4.2	85.8	244	566	
Light2	2021-09-10 22:21	12.5	5.01	23.54	1563	599	17086	-768	-1238	-2906	4.1	85.9	264	576	
Light2	2021-09-10 22:21	12.5	5.03	23.54	1648	933	16962	-372	-1163	-2946	4.4	85.6	290	463	
Light2	2021-09-10 22:21	12.5	5.01	23.54	1067	766	17417	58	-906	-2975	2.4	87.6	315	489	
Light2	2021-														

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2021-09-10 22:21	12.5	5.03	21.61	6523	1507	15477	-1218	278	-3000	21.6	68.4	58	454	
Light2	2021-09-10 22:21	12.5	5.03	21.44	6436	1646	16055	-1452	535	-2875	20.6	69.4	79	409	
Light2	2021-09-10 22:21	12.5	5.03	21.44	6644	198	17178	2177	4514	388	20.4	69.6	88	440	
Light2	2021-09-10 22:21	12.5	5.03	21.3	7204	1408	15270	-1844	539	-2708	24.1	65.9	88	273	
Light2	2021-09-10 22:22	12.5	5.03	21.3	7063	1701	15386	-2108	459	-2564	23.4	66.6	105	547	
Light2	2021-09-10 22:22	12.5	5.03	21.18	7360	1613	15163	-2339	347	-2442	24.7	65.3	116	413	
Light2	2021-09-10 22:22	12.2	5.01	21.46	7870	1099	15107	-2702	185	-2195	26.4	63.6	139	508	
Light2	2021-09-10 22:22	12.2	5.01	21.45	7889	689	15145	-2728	132	-2176	26.4	63.6	148	309	
Light2	2021-09-10 22:22	12.2	5.03	21.44	8179	1310	15047	-3025	-606	-1950	27.4	62.6	196	283	
Light2	2021-09-10 22:22	12.2	5.03	21.44	8523	821	15040	-3015	-852	-1924	28.5	61.5	217	415	
Light2	2021-09-10 22:22	12.2	5.03	21.73	8550	1458	14624	-2942	-1129	-1940	29.2	60.8	228	598	
Light2	2021-09-10 22:22	12.2	5.03	21.73	8290	903	15172	-2914	-1177	-1957	27.6	62.4	232	219	
Light2	2021-09-10 22:22	12.2	5.03	21.73	8621	1899	14481	-2759	-1422	-2010	29.5	60.5	243	494	
Light2	2021-09-10 22:22	12.2	5.03	21.74	8536	1925	14722	-2724	-1514	-1998	28.8	61.2	245	427	
Light2	2021-09-10 22:22	12.2	5.01	21.74	9033	1350	14315	-2689	-1556	-2008	31.1	58.9	254	580	
Light2	2021-09-10 22:22	12.2	5.01	21.08	8432	1260	14757	-2371	-1452	-2295	28.6	61.4	260	433	
Light2	2021-09-10 22:22	12.2	5.01	21.15	8116	1874	14674	-1889	-1553	-2515	27.7	62.3	282	568	
Light2	2021-09-10 22:22	12.2	5.03	21.15	8291	1382	15217	-1882	-1530	-2522	27.4	62.6	280	448	
Light2	2021-09-10 22:22	12.2	5.03	21.74	7967	1660	15438	-1411	-1141	-2834	26.1	63.9	314	584	
Light2	2021-09-10 22:23	12.2	5.03	21.75	7463	2273	15506	-1109	-776	-2996	24.3	65.7	351	577	
Light2	2021-09-10 22:23	12.2	5.03	21.75	9490	1522	14181	-1404	-661	-2937	32.7	57.3	352	573	
Light2	2021-09-10 22:23	12.2	5.01	21.54	9798	1178	14044	-1643	-261	-2893	33.9	56.1	13	538	
Light2	2021-09-10 22:23	12.2	5.01	21.54	9641	1355	13865	-1670	-208	-2875	33.7	56.3	20	370	
Light2	2021-09-10 22:23	12.2	5.03	21.5	9637	1860	13812	-1746	-83	-2844	33.7	56.3	38	542	
Light2	2021-09-10 22:23	12.2	5.03	21.5	9879	1527	14110	-1768	-36	-2830	33.9	56.1	36	502	
Light2	2021-09-10 22:23	12.2	5.03	21.5	9704	2268	14074	-1863	150	-2776	33.2	56.8	58	498	
Light2	2021-09-10 22:23	12.2	5.03	21.5	9853	1435	14060	-1911	174	-2745	33.9	56.1	52	456	
Light2	2021-09-10 22:23	12.2	5.03	21.47	9987	1521	14018	-2071	363	-2615	34.4	55.6	68	233	
Light2	2021-09-10 22:23	12.2	5.01	21.46	9869	2082	14284	-2288	446	-2460	33.4	56.6	86	329	
Light2	2021-09-10 22:23	11.9	5.03	21.47	9985	693	14232	-2546	638	-2167	34.1	55.9	99	325	
Light2	2021-09-10 22:23	11.9	5.01	21.37	10067	369	13973	-2827	600	-1932	34.9	55.1	113	402	
Light2	2021-09-10 22:23	11.9	5.03	21.37	10332	432	13805	-3082	362	-1735	35.9	54.1	131	380	
Light2	2021-09-10 22:23	11.9	5.01	21.36	10372	1012	13141	-3173	196	-1686	37.4	52.6	134	322	
Light2	2021-09-10 22:23	11.9	5.03	21.33	10617	576	13723	-3297	-16	-1552	36.8	53.2	160	536	
Light2	2021-09-10 22:23	11.9	5.03	21.29	10293	81	13701	-3351	-230	-1535	36.1	53.9	185	400	
Light2	2021-09-10 22:23	11.9	5.03	21.29	10364	1204	13996	-3390	-674	-1492	35.5	54.5	206	506	
Light2	2021-09-10 22:23	11.9	5.03	21.35	10461	866	13761	-3351	-854	-1532	36.3	53.7	222	516	
Light2	2021-09-10 22:23	11.9	5.01	21.35	10574	219	13781	-3346	-870	-1520	36.6	53.4	229	559	
Light2	2021-09-10 22:24	11.9	5.03	21.32	10634	506	13692	-3333	-1019	-1511	37	53.0	234	373	
Light2	2021-09-10 22:24	11.9	5.03	21.23	11134	725	13214	-3120	-1286	-1689	39.3	50.7	252	429	
Light2	2021-09-10 22:24	11.9	5.01	21.09	10899	859	13505	-2814	-1425	-1952	38	52.0	263	568	
Light2	2021-09-10 22:24	11.9	5.03	21.09	10871	445	13237	-2795	-1442	-1963	38.6	51.4	266	424	
Light2	2021-09-10 22:24	11.9	5.01	21	10995	992	13463	-2507	-1410	-2215	38.3	51.7	279	304	
Light2	2021-09-10 22:24	11.9	5.01	21.15	10568	942	13676	-2091	-1173	-2547	36.7	53.3	302	405	
Light2	2021-09-10 22:24	11.9	5.03	21.42	10407	980	13797	-1844	-708	-2779	36.1	53.9	337	599	
Light2	2021-09-10 22:24	11.6	5.01	21.45	12897	1248	11285	-2406	-543	-2474	48.1	41.9	356	470	
Light2	2021-09-10 22:24	11.6	5.03	21.45	13018	1111	11639	-2434	-532	-2464	47.5	42.5	353	523	
Light2	2021-09-10 22:24	11.6	5.03	21.49	12761	1911	11168	-2489	-188	-2422	47.8	42.2	38	446	
Light2	2021-09-10 22:24	11.6	5.01	21.49	12985	821	11092	-2518	-148	-2396	48.9	41.1	20	482	
Light2	2021-09-10 22:24	11.6	5.03	21.49	13062	1704	11070	-2574	95	-2323	48.8	41.2	52	526	
Light2	2021-09-10 22:24	11.6	5.03	21.5	12821	1261	11353	-2703	302	-2167	47.7	42.3	66	357	
Light2	2021-09-10 22:24	11.6	5.03	21.5	13140	1248	10979	-2733	279	-2140	49.4	40.6	63	498	
Light2	2021-09-10 22:24	11.6	5.03	21.42	13568	124	10211	-3043	702	-1630	52.7	37.3	80	532	
Light2	2021-09-10 22:24	11.6	5.03	21.42	14007	101	9610	-3279	705	-1269	55.4	34.6	89	507	
Light2	2021-09-10 22:24	11.6	5.01	21.42	13794	15	9814	-3334	680	-1183	54.4	35.6	95	371	
Light2	2021-09-10 22:24	11.6	5.03	21.42	14081	199	9781	-3471	571	-983	55	35.0	102	558	
Light2	2021-09-10 22:25	11.6	5.03	21.42	14195	767	10129	-3642	369	-728	54.1	35.9	113	304	
Light2	2021-09-10 22:25	11.6	5.03	21.42	14086	726	10032	-3663	318	-703	54.2	35.8	116	497	
Light2	2021-09-10 22:25	11.6	5.01	21.42	14216	219	9327	-3805	63	-451	56.6	33.4	139	594	
Light2	2021-09-10 22:25	11.6	5.03	21.38	14340	353	9531	-3839	3	-395	56.2	33.8	145	458	
Light2	2021-09-10 22:25	11.6	5.03	21.37	14282	488	9363	-3912	-490	-313	56.5	33.5	226	553	
Light2	2021-09-10 22:25	11.6	5.03	21.2	13844	562	10126	-3800	-908	-615	53.5	36.5	247	428	
Light2	2021-09-10 22:25	11.6	5.01	21.22	14725	429	8452	-3729	-1274	-658	60.1	29.9	266	437	
Light2	2021-09-10 22:25	11.6	5.03	21.22	14339	-729	9295	-3674	-1301	-785	56.9	33.1	265	523	
Light2	2021-09-10 22:25	11.2	5.03	21.3	14436	673	9255	-3351	-1443	-1327	57.1	32.9	278	407	
Light2	2021-09-10 22:25	11.2	5.03	21.37	14605	1279	9015	-3157	-1328	-1644	57.9	32.1	295	408	
Light2	2021-09-10 22:25	11.2	5.03	21.37	14561	568	9110	-3147	-1298	-1665	57.8	32.2	291	437	
Light2	2021-09-10 22:25	11.2	5.03	21.42	14465	1046	9432	-3011	-1101	-1888	56.5	33.5	307	339	
Light2	2021-09-10 22:25	11.2	5.03	21.42	16682	1160	4452	-3598	-891	-1122	75.2	14.8	332	598	
Light2	2021-09-10 22:26	11.2	5.03	21.42	16381	1119	4309	-3622	-444	-1095	75.4	14.6	26	495	
Light2	2021-09-10 22:26	11.2	5.03	21.42	16387	627	4547	-3620	-445	-1111	75	15.0	356	426	
Light2	2021-09-10 22:26	11.2	5.03	21.42	16505	467	3760	-3646	119	-889	77.9	12.1	59	353	
Light2	2021-09-10 22:26	11.2	5.03	21.4	16655	471	3649	-3664	430	-600	78.4	11.6	76	300	
Light2	2021-09-10 22:26	11.2	5.03	21.35	16741	-90	3813	-3677	594	-408	78.1	11.9	78	537	
Light2	2021-09-10 22:26	11.2	5.03	21.35	16668	-353	3933	-3685	595	-345	77.6	12.4	79	452	
Light2	2021-09-10 22:26	11.2	5.01	21.34	16935	165	3459	-3736	644	-84	79.4	10.6	85	545	
Light2	2021-09-10 22:26	11.2	5.03	21.34	16809	-265	3949	-3735	656	20	77.6	12.4	87	480	
Light2	2021-09-10 22:26	11.2	5.01	21.33	16787	293	3836	-3802	594	338	77.9	12.1	90	533	
Light2	2021-09-10 22:26	11.2	5.01	21.31	16878	-264	3862	-3770	681	314	78	12.0	89	404	
Light2	2021-09-10 22:26	11.2	5.01	21.32	16774	191	3016	-3836	498	849	80.8	9.2	91	573	
Light2	2021-09-10 22:26	11.2	5.01	21.3	16738	85	2574	-3890	178	1120	82.4	7.6	95	563	
Light2	2021-09-10 22:26	11.2	5.01												

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2021-09-10 22:27	11.2	5.03	21.42	16451	1569	3530	-3670	-871	-991	77.4	12.6	7	438	
Light2	2021-09-10 22:27	11.2	5.01	21.42	16293	1508	3819	-3673	-838	-980	76.5	13.5	360	513	
Light2	2021-09-10 22:27	10.9	5.03	21.41	16490	1041	3691	-3680	-388	-977	77.7	12.3	36	340	
Light2	2021-10-04 21:01	13.2	5.03	21.47	5699	-249	16367	-677	-452	-3079	18	72.0	336	307	
Light2	2021-10-04 21:01	13.2	5.01	22.02	4440	481	16240	-375	122	-3106	14.1	75.9	24	541	
Light2	2021-10-04 21:01	13.2	5.01	21.63	5140	304	16330	-585	184	-3096	16.3	73.7	27	590	
Light2	2021-10-04 21:01	13.2	5.03	21.58	5550	512	16319	-646	379	-3063	17.6	72.4	39	414	
Light2	2021-10-04 21:01	12.8	5.01	21.51	5117	326	16337	-689	511	-3039	16.2	73.8	47	425	
Light2	2021-10-04 21:01	12.8	5.01	21.51	4577	661	16364	-771	684	-2987	14.4	75.6	63	487	
Light2	2021-10-04 21:01	12.8	5.01	21.47	4585	137	16570	-1058	838	-2881	14.3	75.7	78	468	
Light2	2021-10-04 21:01	12.8	5.03	21.54	2808	-427	16803	-704	1004	-2907	8.3	81.7	79	344	
Light2	2021-10-04 21:01	12.8	5.03	21.66	2751	-1423	16720	-697	1042	-2886	8.1	81.9	76	583	
Light2	2021-10-04 21:01	12.8	5.03	21.66	2666	-848	17027	-928	1046	-2845	7.7	82.3	91	390	
Light2	2021-10-04 21:01	12.8	5.03	21.72	2365	-699	17132	-957	1000	-2851	6.7	83.3	96	454	
Light2	2021-10-04 21:01	12.8	5.01	21.72	2314	-467	17197	-1069	958	-2843	6.6	83.4	103	363	
Light2	2021-10-04 21:01	12.8	5.01	21.72	2557	-1070	17271	-1336	887	-2778	7.4	82.6	118	308	
Light2	2021-10-04 21:01	12.8	5.01	21.72	3289	-730	16921	-1442	852	-2753	9.8	80.2	115	210	
Light2	2021-10-04 21:02	12.8	5.01	21.98	2290	-447	17084	-1514	600	-2802	6.5	83.5	135	595	
Light2	2021-10-04 21:02	12.8	5.01	21.98	1840	-324	17503	-1588	442	-2807	5	85.0	147	523	
Light2	2021-10-04 21:02	12.8	5.03	22.29	-605	-626	17622	-1366	281	-2919	-3.3	93.3	164	469	
Light2	2021-10-04 21:02	12.8	5.03	22.29	246	-408	17348	-1485	-61	-2921	-0.4	90.4	179	452	
Light2	2021-10-04 21:02	12.8	5.01	22.29	127	-157	17024	-1506	-339	-2915	-0.8	90.8	191	379	
Light2	2021-10-04 21:02	12.5	5.01	23.51	-402	171	16907	-1310	-765	-2919	-2.6	92.6	210	380	
Light2	2021-10-04 21:02	12.5	5.01	23.51	-101	-204	17618	-1118	-937	-2929	-1.6	91.6	228	278	
Light2	2021-10-04 21:02	12.5	5.01	23.51	-477	-757	16926	-756	-998	-2955	-2.9	92.9	244	538	
Light2	2021-10-04 21:02	12.5	5.01	23.51	-443	-1507	17258	-738	-1018	-2958	-2.8	92.8	249	341	
Light2	2021-10-04 21:02	12.5	5.03	23.51	-503	-74	16937	-415	-1070	-2944	-2.9	92.9	260	520	
Light2	2021-10-04 21:02	12.5	5.01	23.51	-608	368	17015	-374	-1198	-2906	-3.3	93.3	261	447	
Light2	2021-10-04 21:03	12.5	5.01	23.51	-976	-372	16440	167	-874	-2948	-4.7	94.7	291	415	
Light2	2021-10-04 21:03	12.5	5.03	23.51	-75	277	17432	377	-780	-2915	-1.5	91.5	320	552	
Light2	2021-10-04 21:03	12.5	5.03	21.69	5567	-351	15938	-556	-289	-3098	18.1	71.9	347	449	
Light2	2021-10-04 21:03	12.2	5.03	21.45	6133	-35	15294	-724	-13	-3085	20.8	69.2	9	422	
Light2	2021-10-04 21:03	12.2	5.03	21.53	6775	38	16146	-856	355	-3045	21.6	68.4	32	493	
Light2	2021-10-04 21:03	12.2	5.01	21.53	6933	-669	15503	-1028	359	-3018	23	67.0	26	414	
Light2	2021-10-04 21:03	12.2	5.01	21.45	7495	-6	15854	-1170	543	-2940	24.2	65.8	46	306	
Light2	2021-10-04 21:03	12.2	5.03	21.45	7374	-729	15606	-1245	582	-2914	24.2	65.8	43	365	
Light2	2021-10-04 21:03	12.2	5.03	21.27	8021	-216	15044	-1429	711	-2816	27	63.0	53	453	
Light2	2021-10-04 21:03	12.2	5.01	21.27	7819	-636	16583	-1440	774	-2781	24.1	65.9	62	556	
Light2	2021-10-04 21:04	12.2	5.01	21.21	8228	-683	15535	-1599	835	-2705	26.8	63.2	64	432	
Light2	2021-10-04 21:04	11.9	5.01	21.22	9268	84	14506	-2018	790	-2484	31.6	58.4	76	421	
Light2	2021-10-04 21:04	11.9	5.03	21.27	8917	-1291	14907	-2209	1038	-2242	29.8	60.2	93	360	
Light2	2021-10-04 21:04	11.9	5.03	21.27	8824	-549	14974	-2515	843	-2075	29.5	60.5	111	315	
Light2	2021-10-04 21:04	11.9	5.03	21.29	9560	-531	14005	-2887	564	-1845	33.4	56.6	127	384	
Light2	2021-10-04 21:04	11.9	5.03	21.35	9523	-642	15020	-2878	552	-1846	31.4	58.6	133	438	
Light2	2021-10-04 21:04	11.9	5.03	21.34	9578	-1599	14982	-3132	344	-1631	31.5	58.5	160	586	
Light2	2021-10-04 21:04	11.9	5.03	21.11	10054	-690	13880	-3307	-377	-1550	35	55.0	206	534	
Light2	2021-10-04 21:05	11.6	5.03	21.29	9888	-440	13706	-3118	-894	-1764	35	55.0	237	493	
Light2	2021-10-04 21:05	11.6	5.01	21.28	9211	181	14267	-2783	-1138	-2039	31.9	58.1	247	555	
Light2	2021-10-04 21:05	11.6	5.03	21.31	9775	547	13619	-2190	-1325	-2418	34.8	55.2	285	508	
Light2	2021-10-04 21:05	11.6	5.01	21.38	9581	319	14732	-1877	-1095	-2653	32.1	57.9	297	509	
Light2	2021-10-04 21:05	11.6	5.03	21.45	9562	461	15000	-1605	-757	-2829	31.5	58.5	324	415	
Light2	2021-10-04 21:05	11.6	5.03	21.45	9554	76	14411	-1618	-743	-2840	32.6	57.4	323	277	
Light2	2021-10-04 21:05	11.6	5.01	21.45	9685	129	14129	-1545	-494	-2894	33.5	56.5	340	493	
Light2	2021-10-04 21:05	11.6	5.03	21.46	12065	57	12621	-2135	-238	-2637	43	47.0	355	558	
Light2	2021-10-04 21:05	11.6	5.03	21.57	12968	-530	11742	-2253	72	-2537	47.3	42.7	6	589	
Light2	2021-10-04 21:05	11.6	5.03	21.57	13045	-263	12171	-2322	310	-2440	46.4	43.6	30	318	
Light2	2021-10-04 21:05	11.6	5.01	21.57	12679	44	10932	-2434	566	-2279	48.8	41.2	48	580	
Light2	2021-10-04 21:05	11.6	5.03	21.32	13479	-256	10612	-2699	648	-2007	51.4	38.6	58	380	
Light2	2021-10-04 21:05	11.2	5.01	21.3	13426	-483	10917	-2671	654	-2028	50.5	39.5	57	208	
Light2	2021-10-04 21:05	11.2	5.03	21.3	13213	-585	10758	-2732	626	-1993	50.5	39.5	58	476	
Light2	2021-10-04 21:05	11.2	5.01	21.3	13288	345	11237	-2873	656	-1816	49.3	40.7	79	413	
Light2	2021-10-04 21:05	11.2	5.03	21.31	13519	172	10726	-3078	654	-1561	51.2	38.8	87	468	
Light2	2021-10-04 21:05	11.2	5.03	21.4	13100	339	10413	-3075	664	-1567	51.2	38.8	87	476	
Light2	2021-10-04 21:05	11.2	5.01	21.4	13721	-450	10568	-3124	768	-1440	52	38.0	88	285	
Light2	2021-10-04 21:05	11.2	5.03	21.4	13482	-283	10545	-3209	775	-1273	51.6	38.4	95	338	
Light2	2021-10-04 21:05	11.2	5.03	21.47	13656	-614	10309	-3380	719	-998	52.6	37.4	103	367	
Light2	2021-10-04 21:05	11.2	5.03	21.47	13720	-565	10191	-3495	632	-805	53.1	36.9	109	469	
Light2	2021-10-04 21:06	11.2	5.01	21.52	13790	-185	10258	-3604	464	-681	53.1	36.9	116	463	
Light2	2021-10-04 21:06	11.2	5.03	21.52	13798	-738	9670	-3640	405	-619	54.8	35.2	121	408	
Light2	2021-10-04 21:06	11.2	5.03	21.53	13873	-309	9903	-3698	282	-532	54.3	35.7	127	562	
Light2	2021-10-04 21:06	11.2	5.03	21.51	14487	-433	9384	-3825	-9	-342	56.9	33.1	159	478	
Light2	2021-10-04 21:06	11.2	5.01	21.51	14147	100	9468	-3871	-282	-257	56	34.0	202	479	
Light2	2021-10-04 21:06	11.2	5.03	21.47	14553	0	9624	-3892	-604	-278	56.3	33.7	240	302	
Light2	2021-10-04 21:06	11.2	5.01	21.21	14387	318	9416	-3830	-926	-443	56.6	33.4	253	140	
Light2	2021-10-04 21:06	11.2	5.01	21.18	14284	625	9217	-3750	-1219	-564	57	33.0	260	427	
Light2	2021-10-04 21:06	10.9	5.03	21.31	14275	704	10033	-3555	-1454	-888	54.5	35.5	265	422	
Light2	2021-10-04 21:06	10.9	5.01	21.34	14149	1773	9585	-3356	-1571	-1184	55.1	34.9	274	561	
Light2	2021-10-04 21:06	10.9	5.01	21.34	14361	1281	9182	-3372	-1524	-1201	56.9	33.1	276	468	
Light2	2021-10-04 21:06	10.9	5.03	21.48	14618	558	9348	-3317	-1501	-1289	57.2	32.8	278	489	
Light2	2021-10-04 21:06	10.9	5.03	21.48	14062	1184	9177	-1177	4552	378	56.5	33.5	93	358	
Light2	2021-10-04 21:06	10.9	5.03	21.48	14710	-591	8180	-3232	-1388	-1481	61	29.0	285	568	
Light2	2021-10-04 21:06	10.9	5.01	21.58	14454	1385	8919	-3068	-1274	-1725	57.8	32.2	302	3	

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light2	2021-10-04 21:06	10.9	5.03	21.45	16707	825	2404	-3762	-503	-720	82.3	7.7	31	387	
Light2	2021-10-04 21:07	10.9	5.01	21.4	16806	833	3058	-3767	-436	-697	80.2	9.8	26	479	
Light2	2021-10-04 21:07	10.9	5.03	21.39	17120	-36	1206	-3787	-156	-577	87.3	2.7	2	363	
Light2	2021-10-04 21:07	10.9	5.01	21.39	16817	-497	1239	-3762	-145	-637	86.8	3.2	297	305	
Light2	2021-10-04 21:07	10.9	5.03	21.35	16609	550	1931	-3756	153	-506	84.2	5.8	74	410	
Light2	2021-10-04 21:07	10.9	5.03	21.35	17539	-643	1467	-3763	216	-411	85.8	4.2	324	535	
Light2	2021-10-04 21:07	10.9	5.03	21.35	16916	591	1437	-3770	354	-249	85.8	4.2	84	556	
Light2	2021-10-04 21:07	10.6	5.01	21.31	16654	90	1331	-3762	539	17	86.8	3.2	83	359	
Light2	2021-10-04 21:07	10.6	5.03	21.3	16944	-180	2417	-3714	738	236	83	7.0	86	415	
Light2	2021-10-04 21:07	10.6	5.03	21.3	16919	-726	2963	-3722	706	173	80.9	9.1	84	354	
Light2	2021-10-04 21:07	10.6	5.03	21.29	16697	-712	1630	-3684	830	691	85.2	4.8	85	529	
Light2	2021-10-04 21:07	10.6	5.03	21.29	17015	-1431	2277	-3688	826	689	82	8.0	84	490	
Light2	2021-10-04 21:07	10.6	5.01	21.31	16573	-851	2978	-3766	569	993	80.5	9.5	91	548	
Light2	2021-10-04 21:07	10.6	5.03	21.32	16393	-245	2734	-3851	216	1178	81.7	8.3	94	528	
Light2	2021-10-04 21:07	10.6	5.03	21.32	16784	-602	3372	-3850	185	1189	79.5	10.5	91	441	
Light2	2021-10-04 21:07	10.6	5.01	21.31	17251	-1345	2916	-3899	-222	1379	80.3	9.7	97	436	
Light2	2021-10-04 21:07	10.6	5.01	21.28	16844	-651	921	-3876	-388	1521	87.3	2.7	106	548	
Light2	2021-10-04 21:07	10.3	5.03	21.24	17388	-848	3939	-3934	-588	1265	77.6	12.4	268	558	
Light2	2021-10-04 21:08	10.6	5.01	21.24	16743	166	2506	-3951	-973	1104	82.6	7.4	266	558	
Light2	2021-10-04 21:08	10.6	5.01	21.25	16846	-239	2361	-3950	-1075	1031	83.2	6.8	264	389	
Light2	2021-10-04 21:08	10.6	5.03	21.25	16248	602	2871	-3950	-1227	727	80.8	9.2	271	402	
Light2	2021-10-04 21:08	10.6	5.01	21.21	16588	285	3388	-3913	-1393	427	79.4	10.6	272	523	
Light2	2021-10-04 21:08	10.3	5.03	21.23	16519	870	2663	-3841	-1429	-57	81.3	8.7	286	546	
Light2	2021-10-04 21:08	10.3	5.01	21.45	16993	1230	3222	-3718	-1296	-647	79.2	10.8	308	593	
Light2	2021-10-04 21:08	10.3	5.03	21.45	16453	1279	2591	-3726	-1181	-660	80.8	9.2	330	575	
Light2	2021-10-04 21:08	10.3	5.03	21.46	16417	459	2859	-3699	-532	-876	81	9.0	347	511	
Light2	2021-10-28 20:40	5.1	5.03	23.04	1700	110	17610	64	-466	-3069	4.5	85.5	339	423	
Light2	2021-10-28 20:40	5.4	5.01	22.89	1936	-499	16793	149	107	-3091	5.4	84.6	10	404	
Light2	2021-10-28 20:40	5.1	5.01	22.89	2106	-134	17191	68	355	503	5.9	84.1	82	362	
Light2	2021-10-28 20:40	5.1	5.03	22.89	2742	-936	17175	-39	461	-3088	8	82.0	27	577	
Light2	2021-10-28 20:40	5.1	5.03	22	2627	-993	17360	-148	771	-3008	7.6	82.4	46	520	
Light2	2021-10-28 20:40	5.4	5.03	21.68	2464	-617	17098	-336	906	-2990	7.1	82.9	62	450	
Light2	2021-10-28 20:40	5.4	5.01	21.63	3442	-1201	16827	-332	1020	-2951	10.3	79.7	53	551	
Light2	2021-10-28 20:40	5.4	5.03	21.63	998	-404	16998	-345	958	-2973	2.1	87.9	79	546	
Light2	2021-10-28 20:40	5.1	5.03	21.63	948	-408	17283	-500	996	-2943	2	88.0	88	334	
Light2	2021-10-28 20:40	5.1	5.01	21.63	1401	-64	17050	-726	968	-2925	3.5	86.5	94	437	
Light2	2021-10-28 20:40	5.1	5.03	21.75	1659	-842	17027	-941	1036	-2861	4.4	85.6	103	203	
Light2	2021-10-28 20:40	5.1	5.03	21.75	1808	-1019	16840	-934	1038	-2860	4.9	85.1	101	573	
Light2	2021-10-28 20:40	5.1	5.03	21.75	1461	-630	17364	-1002	991	-2867	3.7	86.3	108	381	
Light2	2021-10-28 20:40	5.1	5.03	21.74	1059	-457	18271	-1207	867	-2858	2.3	87.7	123	564	
Light2	2021-10-28 20:40	5.1	5.03	22.01	707	-1612	17705	-1226	866	-2847	1.1	88.9	136	565	
Light2	2021-10-28 20:40	5.1	5.03	22.01	526	-1112	17138	-1293	745	-2862	0.5	89.5	140	298	
Light2	2021-10-28 20:40	5.1	5.03	22.01	942	-1192	17034	-1391	631	-2863	1.9	88.1	146	219	
Light2	2021-10-28 20:40	5.1	5.03	22.01	276	-1103	17188	-1502	411	-2871	-0.3	90.3	162	416	
Light2	2021-10-28 20:40	5.1	5.01	22.01	556	-587	16531	-1606	143	-2880	0.7	89.3	171	553	
Light2	2021-10-28 20:41	5.1	5.03	22.43	710	-1310	17357	-1619	-112	-2902	1.1	88.9	192	336	
Light2	2021-10-28 20:41	5.1	5.03	22.43	-198	-951	17200	-1341	-366	-2988	-1.9	91.9	202	426	
Light2	2021-10-28 20:41	5.1	5.03	22.43	-165	-1040	17071	-1318	-435	-2988	-1.8	91.8	207	480	
Light2	2021-10-28 20:41	5.1	5.03	22.43	-347	-1441	17203	-1162	-592	-3020	-2.4	92.4	221	362	
Light2	2021-10-28 20:41	5.1	5.03	22.43	-375	-782	17153	-1063	-686	-3017	-2.5	92.5	222	518	
Light2	2021-10-28 20:41	5.1	5.03	22.43	-286	-802	17296	-997	-750	-3026	-2.2	92.2	228	549	
Light2	2021-10-28 20:41	5.1	5.03	22.43	-284	-775	17897	-751	-851	-3030	-2.3	92.3	242	597	
Light2	2021-10-28 20:41	5.1	5.01	22.43	-459	-1086	17266	-345	-761	-3046	-2.8	92.8	264	472	
Light2	2021-10-28 20:41	5.1	5.03	22.43	-214	-1209	16783	32	-621	-3047	-2	92.0	295	199	
Light2	2021-10-28 20:41	5.1	5.03	22.43	-37	-901	16994	280	-403	-3025	-1.4	91.4	325	593	
Light2	2021-10-28 20:41	4.8	5.03	23.71	851	-1213	16960	442	-117	-3031	1.6	88.4	347	289	
Light2	2021-10-28 20:41	4.8	5.03	21.44	10334	583	13446	-1818	-524	-2782	36.7	53.3	344	515	
Light2	2021-10-28 20:41	4.8	5.01	21.44	10772	-104	14174	-1864	-560	-2764	36.3	53.7	329	409	
Light2	2021-10-28 20:41	4.8	5.03	21.44	10819	161	13596	-1905	-458	-2757	37.7	52.3	340	461	
Light2	2021-10-28 20:41	4.8	5.03	21.45	10964	662	13045	-1962	-307	-2734	39.2	50.8	1	444	
Light2	2021-10-28 20:41	4.8	5.03	21.43	12250	-119	12806	-2202	-81	-2588	43	47.0	4	491	
Light2	2021-10-28 20:41	4.8	5.03	21.46	11913	1027	12348	-2237	-126	-2576	43.2	46.8	24	588	
Light2	2021-10-28 20:42	4.8	5.01	21.46	12258	1091	11782	-2375	134	-2448	45.4	44.6	44	465	
Light2	2021-10-28 20:42	4.8	5.03	21.45	12493	1006	12023	-2381	106	-2442	45.3	44.7	41	431	
Light2	2021-10-28 20:42	4.8	5.03	21.45	12128	1446	12171	-2411	117	-2420	44	46.0	52	442	
Light2	2021-10-28 20:42	4.8	5.01	21.4	12844	829	11397	-2592	374	-2217	47.8	42.2	59	559	
Light2	2021-10-28 20:42	4.5	5.03	21.22	13130	-463	11149	-2906	831	-1705	49.2	40.8	81	559	
Light2	2021-10-28 20:42	4.5	5.03	21.23	12955	-286	11274	-3069	802	-1503	48.5	41.5	93	550	
Light2	2021-10-28 20:42	4.5	5.01	21.27	13117	52	11151	-3294	641	-1264	49.2	40.8	104	342	
Light2	2021-10-28 20:42	4.5	5.03	21.33	13201	66	10677	-3458	485	-1071	50.7	39.3	112	564	
Light2	2021-10-28 20:42	4.5	5.01	21.33	12864	-492	11604	-3479	457	-1034	47.4	42.6	125	537	
Light2	2021-10-28 20:42	4.5	5.01	21.35	12800	-955	12904	-3487	269	-1126	44	46.0	149	583	
Light2	2021-10-28 20:42	4.5	5.03	21.35	12632	-435	11319	-3656	8	-899	47.7	42.3	167	565	
Light2	2021-10-28 20:42	4.5	5.03	21.33	12928	-163	11527	-3750	-529	-800	47.8	42.2	221	449	
Light2	2021-10-28 20:43	4.1	5.03	21.02	12704	220	11078	-3426	-1172	-1327	48.5	41.5	258	362	
Light2	2021-10-28 20:43	3.8	5.01	21.13	12653	-91	12385	-2859	-1245	-1970	45	45.0	277	448	
Light2	2021-10-28 20:43	3.8	5.03	21.18	12884	693	11706	-2721	-1220	-2101	47.1	42.9	292	568	
Light2	2021-10-28 20:43	3.8	5.03	21.31	12906	131	12510	-2444	-890	-2402	45.2	44.8	308	440	
Light2	2021-10-28 20:43	3.8	5.01	21.47	11960	671	12235	-2252	-583	-2557	43.6	46.4	340	326	
Light2	2021-10-28 20:43	3.8	5.03	21.5	14521	1353	8847	-2959	-667	-1985	58.2	31.8	349	486	
Light2	2021-10-28 20:43	3.8	5.03	21.5	14483	1251	9480	-2960	-691	-1993	56.3	33.7	340	513	
Light2	2021-10-28 20:44	3.5	5.01	21.52	14883	950	8616	-3044	-475	-1920	59.7	30.3	356	459	
Light2	2021-10-28 20:44	3.5	5.03	21.52	15242	903	7647	-3							

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light2	2021-10-28 20:44	3.5	5.03	21.46	15402	817	7545	-3242	286	-1533	63.9	26.1	62	197	
Light2	2021-10-28 20:44	3.2	5.01	21.28	15150	531	8334	-3266	533	-1377	61.1	28.9	75	466	
Light2	2021-10-28 20:44	3.2	5.03	21.26	14590	556	8709	-3312	622	-1230	59.1	30.9	85	428	
Light2	2021-10-28 20:44	3.2	5.01	21.27	14436	929	8599	-3470	604	-946	59	31.0	93	357	
Light2	2021-10-28 20:44	3.2	5.03	21.33	14883	23	8450	-3493	600	-883	60.4	29.6	93	292	
Light2	2021-10-28 20:44	3.2	5.03	21.33	14435	297	8686	-3566	574	-746	58.9	31.1	99	146	
Light2	2021-10-28 20:44	3.2	5.01	21.33	14574	293	9454	-3595	531	-685	56.8	33.2	105	503	
Light2	2021-10-28 20:44	3.2	5.01	21.33	14369	456	8645	-3607	519	-682	58.9	31.1	101	458	
Light2	2021-10-28 20:44	3.2	5.01	21.4	15040	222	9029	-3735	380	-396	58.9	31.1	110	514	
Light2	2021-10-28 20:44	3.2	5.03	21.45	14589	266	9765	-3848	66	-288	56	34.0	138	340	
Light2	2021-10-28 20:44	3.2	5.03	21.45	14213	290	9035	-3917	-331	-287	57.5	32.5	209	259	
Light2	2021-10-28 20:45	3.2	5.03	21.44	14557	224	8899	-3917	-633	-296	58.5	31.5	243	559	
Light2	2021-10-28 20:45	3.2	5.03	21.4	14440	-559	8909	-3932	-665	-272	58.3	31.7	249	440	
Light2	2021-10-28 20:45	3.2	5.03	21.4	14642	-297	9016	-3878	-884	-419	58.3	31.7	256	486	
Light2	2021-10-28 20:45	3.2	5.01	21.35	14486	-446	8470	-3863	-923	-433	59.7	30.3	259	378	
Light2	2021-10-28 20:45	3.2	5.03	21.21	14209	68	9394	-3722	-1143	-753	56.4	33.6	260	403	
Light2	2021-10-28 20:45	2.9	5.03	21.21	14129	32	9249	-3722	-1149	-742	56.7	33.3	261	381	
Light2	2021-10-28 20:45	2.9	5.03	21.15	14800	-512	9379	-3616	-1247	-945	57.5	32.5	267	532	
Light2	2021-10-28 20:45	2.9	5.01	21.15	14281	12	9643	-3622	-1233	-945	55.8	34.2	264	389	
Light2	2021-10-28 20:45	2.9	5.01	21.06	14525	-286	9318	-3467	-1279	-1212	57.2	32.8	272	349	
Light2	2021-10-28 20:45	2.9	5.01	21.09	14873	239	8537	-3457	-1323	-1206	60.1	29.9	278	522	
Light2	2021-10-28 20:45	2.9	5.01	21.09	14687	303	8795	-3307	-1263	-1447	59	31.0	284	411	
Light2	2021-10-28 20:45	2.9	5.03	21.19	14334	898	8441	-3321	-1229	-1456	59.3	30.7	287	528	
Light2	2021-10-28 20:45	2.9	5.01	21.19	14501	459	8693	-3238	-1101	-1602	59	31.0	291	414	
Light2	2021-10-28 20:45	2.9	5.03	21.19	14617	87	8670	-3185	-1040	-1685	59.3	30.7	294	246	
Light2	2021-10-28 20:45	2.9	5.03	21.19	14653	151	9358	-3178	-1013	-1716	57.3	32.7	291	474	
Light2	2021-10-28 20:45	2.9	5.03	21.35	14470	335	9199	-3076	-839	-1860	57.4	32.6	306	583	
Light2	2021-10-28 20:45	2.9	5.03	21.35	14754	652	9090	-2974	-688	-1983	58.2	31.8	329	476	
Light2	2021-10-28 20:45	2.9	5.03	21.5	16347	632	3972	-3640	-701	-1045	77	13.0	329	332	
Light2	2021-10-28 20:45	2.9	5.03	21.35	16615	183	4453	-3612	-718	-1067	75.7	14.3	309	381	
Light2	2021-10-28 20:45	2.9	5.03	21.35	16413	1067	4261	-3620	-570	-1069	75.7	14.3	6	452	
Light2	2021-10-28 20:45	2.9	5.03	21.35	16150	1069	4075	-3598	-329	-1094	76.1	13.9	39	225	
Light2	2021-10-28 20:45	2.9	5.03	21.35	16478	978	4008	-3638	-168	-991	76.7	13.3	52	296	
Light2	2021-10-28 20:45	2.9	5.01	21.34	16220	710	4784	-3539	41	-1117	74	16.0	54	598	
Light2	2021-10-28 20:46	2.5	5.03	21.33	16054	196	5026	-3520	274	-1057	73.3	16.7	59	515	
Light2	2021-10-28 20:46	2.5	5.03	21.29	16407	470	4522	-3614	469	-689	75.2	14.8	77	274	
Light2	2021-10-28 20:46	2.5	5.03	21.27	16772	257	3646	-3710	578	-259	78.6	11.4	83	446	
Light2	2021-10-28 20:46	2.5	5.01	21.27	15970	-150	4709	-3640	777	-231	74.4	15.6	85	431	
Light2	2021-10-28 20:46	2.2	5.03	21.29	16441	74	4211	-3725	715	124	76.5	13.5	88	543	
Light2	2021-10-28 20:46	2.2	5.03	21.29	16575	-1216	4314	-3719	742	152	75.7	14.3	88	555	
Light2	2021-10-28 20:46	2.2	5.01	21.31	15963	484	3867	-3799	593	439	77.2	12.8	90	425	
Light2	2021-10-28 20:46	2.2	5.01	21.31	15943	195	3969	-3814	571	492	76.9	13.1	90	283	
Light2	2021-10-28 20:46	2.2	5.03	21.4	16350	-627	4037	-3947	43	883	76.9	13.1	83	590	
Light2	2021-10-28 20:46	2.2	5.03	21.44	16619	449	4532	-3986	-152	895	75.4	14.6	330	368	
Light2	2021-10-28 20:47	2.2	5.03	21.43	16749	-134	3847	-4028	-484	929	78	12.0	274	381	
Light2	2021-10-28 20:47	2.2	5.01	21.43	16195	412	4542	-4024	-1013	770	75	15.0	270	585	
Light2	2021-10-28 20:47	1.9	5.01	21.37	16427	359	3891	-4004	-1200	578	77.5	12.5	271	348	
Light2	2021-10-28 20:47	1.9	5.03	21.27	17119	-74	3872	-3968	-1270	260	78	12.0	272	406	
Light2	2021-10-28 20:47	1.9	5.03	21.2	16735	-252	3852	-3895	-1343	-73	77.9	12.1	275	355	
Light2	2021-10-28 20:47	1.9	5.03	21.2	16288	120	4049	-3878	-1342	-124	76.9	13.1	276	356	
Light2	2021-10-28 20:47	1.9	5.01	21.24	16390	215	4956	-3720	-1207	-724	73.8	16.2	284	471	
Light2	2021-10-28 20:47	1.9	5.03	21.31	16243	-489	6249	-3606	-796	-1066	69.4	20.6	285	304	
Light2	2021-10-28 20:47	1.9	5.03	21.35	16597	546	4830	-3593	-535	-1122	74.3	15.7	336	364	
Light2	2022-01-25	-4.9	5.03	21.69	215	40	16847	-1223	-972	-2814	-0.5	90.5	226	518	
Light2	2022-01-25	-5.8	5.03	21.23	168	-306	17893	-1574	-117	-2889	-0.7	90.7	181	499	
Light2	2022-01-25	-6.5	5.03	21.88	-107	189	17317	530	-543	-2929	-1.6	91.6	337	317	
Light2	2022-01-25	-6.8	5.03	21.88	-453	98	17590	693	-241	-2933	-2.8	92.8	356	216	
Light2	2022-01-25	-6.8	5.03	21.58	-191	-124	17407	695	170	-2944	-1.9	91.9	18	344	
Light2	2022-01-25	-6.8	5.03	21.42	76	158	17744	626	391	-2959	-1	91.0	32	430	
Light2	2022-01-25	-7.5	5.03	21.57	1202	246	16906	43	821	-2992	2.9	87.1	60	381	
Light2	2022-01-25	-7.5	5.03	21.69	1658	373	17404	-385	933	-2967	4.4	85.6	76	530	
Light2	2022-01-25	-7.8	5.03	21.4	1744	-102	18926	-951	961	-2871	4.6	85.4	102	390	
Light2	2022-01-25	-7.8	5.03	21.29	1499	516	16612	-1332	790	-2812	3.9	86.1	121	580	
Light2	2022-01-25	-14.2	5.03	21.13	1132	1443	17707	-1832	-454	-2821	2.6	87.4	180	452	
Light2	2022-01-25	-14.2	5.03	21.33	959	1139	17794	-1805	-739	-2804	2	88.0	197	495	
Light2	2022-01-25	-14.6	5.03	21.2	1224	1559	17342	328	-595	-3059	2.9	87.1	352	288	
Light2	2022-01-25	-14.9	5.03	21.4	1003	1173	17274	393	-125	-3116	2.2	87.8	16	355	
Light2	2022-01-25	-14.9	5.03	21.44	1058	1344	17476	245	341	-3135	2.3	87.7	45	366	
Light2	2022-01-25	-14.9	5.03	21.68	2315	276	17664	-285	767	-3058	6.6	83.4	63	354	
Light2	2022-01-25	-15.2	5.03	21.6	1531	1447	16784	-643	702	-3052	4	86.0	89	587	
Light2	2022-01-25	-15.2	5.03	21.25	1728	1692	16847	-1162	581	-2972	4.6	85.4	112	460	
Light2	2022-01-25	-15.2	5.03	21.25	2509	1222	16921	-1325	457	-2958	7.2	82.8	117	526	
Light2	2022-01-25	-15.2	5.03	21.25	2107	2458	17124	-1902	83	-2784	5.9	84.1	145	445	
Light2	2022-01-25	-15.2	5.01	21.57	2586	1205	17024	-2057	-336	-2734	7.5	82.5	177	349	
Light2	2022-01-25	-15.5	5.03	21.32	2814	1745	17050	-2124	-917	-2653	8.2	81.8	202	379	
Light2	2022-01-25	-15.5	5.03	21.32	3222	2108	16769	-2130	-1025	-2623	9.6	80.4	205	413	
Light2	2022-01-25	-15.5	5.03	21.31	1144	1706	17027	-1474	-1253	-2845	2.7	87.3	222	575	
Light2	2022-01-25	-15.8	5.03	21.07	1771	2104	17168	-865	-1647	-2805	4.7	85.3	263	348	
Light2	2022-01-25	-15.8	5.03	21.55	2027	2360	17939	-429	-1484	-2897	5.5	84.5	291	403	
Light2	2022-01-25	-16.2	5.03	21.18	7610	384	14773	-1135	-285	-3144	26.2	63.8	357	381	
Light2	2022-01-25	-16.2	5.03	22.16	7840	-921	16055	-1136	680	-2954	24.9	65.1	40	533	
Light2	2022-01-25	-16.2	5.03	21.75	7772	-364	16239	-1515	805	-2751	24.5	65.5	67	448	
Light2	2022-01-25	-16.2	5.01	21.29	8281	-219	15605	-1907	832	-2527	26.9	63.1	84	511	
Light2	2022-01-25	-16.2	5.03	21.02	12642	-241	12212	-3318	-1319	-1410	45.4				

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-01-25	-16.5	5.03	21.37	13901	208	10184	-2588	-79	-2358	53.5	36.5	10	512	
Light2	2022-01-25	-16.5	5.01	21.44	13737	1090	9681	-2742	329	-2125	54.4	35.6	53	533	
Light2	2022-01-25	10.6	5.03	19.89	-1081	-609	16962	-1384	-57	-2953	-4.9	94.9	181	345	
Light2	2022-01-25	10.3	5.01	20.95	-700	392	17027	-1410	-218	-2949	-3.6	93.6	179	387	
Light2	2022-01-25	10.3	5.03	20.95	-841	76	17072	-1249	-920	-2924	-4.1	94.1	216	584	
Light2	2022-01-25	10.3	5.03	21.42	-64	93	16958	-911	-1222	-2909	-1.4	91.4	243	594	
Light2	2022-01-25	9.9	5.03	21.82	1	-741	17334	-400	-1114	-2947	-1.3	91.3	267	502	
Light2	2022-01-25	9.9	5.03	21.82	-39	-742	17055	88	-977	-2948	-1.4	91.4	293	304	
Light2	2022-01-25	9.9	5.03	21.82	-220	-342	17159	467	-636	-2938	-2	92.0	323	293	
Light2	2022-01-25	9.9	5.03	21.78	-79	-259	17331	675	-154	-2941	-1.5	91.5	357	186	
Light2	2022-01-25	9.6	5.03	21.4	-111	454	17656	633	344	-2941	-1.6	91.6	33	368	
Light2	2022-01-25	9.6	5.03	21.4	-549	523	17787	355	769	-2937	-3.1	93.1	62	452	
Light2	2022-01-25	9.6	5.03	21.4	221	-512	17520	69	880	-2946	-0.5	90.5	65	584	
Light2	2022-01-25	9.6	5.03	21.44	499	109	17024	-194	967	-2928	0.5	89.5	78	250	
Light2	2022-01-25	9.6	5.03	21.44	100	-209	17144	-953	767	-2907	-0.9	90.9	122	384	
Light2	2022-01-25	9.3	5.03	21.35	616	-247	17076	-1553	145	-2872	0.8	89.2	166	331	
Light2	2022-01-25	9.3	5.03	21.13	9340	-551	14357	-3197	69	-1648	32.1	57.9	169	393	
Light2	2022-01-25	9.3	5.03	20.96	9625	-220	14555	-3251	-666	-1658	32.5	57.5	217	523	
Light2	2022-01-25	9	5.03	21.05	9936	-481	13179	-3017	-1091	-1863	36.2	53.8	250	417	
Light2	2022-01-25	9	5.03	21.05	9952	-1003	14236	-2900	-1244	-1941	34	56.0	254	426	
Light2	2022-01-25	9	5.03	20.83	10505	-328	13807	-2543	-1302	-2241	36.4	53.6	272	529	
Light2	2022-01-25	8.7	5.03	20.53	10657	-270	13800	-2466	-1259	-2292	36.8	53.2	276	542	
Light2	2022-01-25	8.7	5.03	21.02	10801	-675	13166	-2054	-854	-2645	38.6	51.4	306	449	
Light2	2022-01-25	8.3	5.03	21.02	11046	-173	12425	-1939	-514	-2733	41	49.0	335	542	
Light2	2022-01-25	8.3	5.03	21.16	11743	-188	12419	-1997	-522	-2706	42.7	47.3	335	363	
Light2	2022-01-25	8.3	5.03	21.16	12678	1099	12413	-2137	-223	-2624	44.8	45.2	14	509	
Light2	2022-01-25	8	5.03	21.35	12237	325	12390	-2146	44	-2598	44	46.0	20	363	
Light2	2022-01-25	8	5.03	21.45	13424	140	10614	-2521	442	-2219	51.3	38.7	44	397	
Light2	2022-01-25	8	5.03	21.45	13475	-88	10285	-2603	451	-2157	52.4	37.6	43	474	
Light2	2022-01-25	7.7	5.03	21.45	14271	1458	9396	-3047	481	-1674	56.1	33.9	76	504	
Light2	2022-01-25	7.4	5.03	21.1	12369	-118	10751	-3248	596	-1336	48.6	41.4	105	504	
Light2	2022-01-25	7.4	5.03	21.08	11791	-832	12457	-3425	425	-1114	42.7	47.3	137	413	
Light2	2022-01-25	7	5.03	21.04	12340	-577	11805	-3632	8	-916	45.7	44.3	170	565	
Light2	2022-01-25	7	5.03	21.04	12521	42	12144	-3683	-595	-940	45.3	44.7	221	505	
Light2	2022-01-25	6.7	5.01	21.13	14911	175	8313	-3919	-1017	-197	60.9	29.1	261	382	
Light2	2022-01-25	6.7	5.03	21.23	14924	-126	8154	-3790	-1348	-477	61.5	28.5	267	276	
Light2	2022-01-25	6.7	5.03	21.2	15173	240	8027	-3533	-1428	-1017	62.2	27.8	277	290	
Light2	2022-01-25	6.4	5.03	21.22	14909	342	8861	-3135	-1221	-1703	59.2	30.8	295	537	
Light2	2022-01-25	6.4	5.03	21.22	15005	-288	8734	-3140	-1009	-1759	59.8	30.2	296	189	
Light2	2022-01-25	6.1	5.03	21.21	15116	-290	8190	-3020	-468	-1942	61.6	28.4	328	546	
Light2	2022-01-25	6.1	5.03	21.21	15193	-63	7888	-3048	-319	-1900	62.7	27.3	344	513	
Light2	2022-01-25	5.8	5.03	21.37	15079	-21	7698	-3038	313	-1766	63.1	26.9	39	425	
Light2	2022-01-25	5.8	5.03	21.37	15247	-585	8289	-3057	371	-1710	61.5	28.5	37	568	
Light2	2022-01-25	5.8	5.03	21.44	15073	-400	8128	-3181	794	-1294	61.8	28.2	72	300	
Light2	2022-01-25	5.8	5.03	21.44	15375	94	7935	-3229	785	-1211	62.8	27.2	76	306	
Light2	2022-01-25	5.8	5.03	21.44	15076	-549	8162	-3326	834	-980	61.6	28.4	83	462	
Light2	2022-01-25	5.8	5.03	21.35	14921	-346	8322	-3345	823	-935	60.9	29.1	86	554	
Light2	2022-01-25	5.8	5.03	21.35	14983	-577	8154	-3363	815	-927	61.5	28.5	86	373	
Light2	2022-01-25	5.4	5.03	21.24	15025	258	8095	-3581	599	-581	61.8	28.2	97	148	
Light2	2022-01-25	5.1	5.03	21.24	15176	-64	8034	-3590	583	-589	62.2	27.8	97	431	
Light2	2022-01-25	5.1	5.03	21.11	14987	144	8574	-3829	240	-181	60.2	29.8	116	441	
Light2	2022-01-25	5.1	5.01	21.19	15211	390	7933	-3966	-231	101	62.5	27.5	197	383	
Light2	2022-01-25	4.8	5.03	21.19	14203	510	9821	-3964	-242	55	55	35.0	194	559	
Light2	2022-01-25	4.8	5.01	21.22	15007	454	7817	-3975	-273	98	62.6	27.4	208	474	
Light2	2022-01-25	4.5	5.03	21.23	14765	574	8700	-3965	-921	-66	59.4	30.6	257	332	
Light2	2022-01-25	4.1	5.03	21.22	14362	241	9246	-3678	-1408	-725	57.1	32.9	266	416	
Light2	2022-01-25	4.1	5.03	21.03	16432	544	5270	-3553	-1140	-1112	72.7	17.3	299	420	
Light2	2022-01-25	3.8	5.03	21.27	16401	188	4823	-3536	-1106	-1151	74.3	15.7	299	330	
Light2	2022-01-25	3.8	5.03	21.29	16375	400	5618	-3421	-602	-1435	71.5	18.5	332	344	
Light2	2022-01-25	3.5	5.03	21.29	16246	645	4839	-3427	-210	-1383	73.9	16.1	23	329	
Light2	2022-01-25	3.2	5.03	21.35	16378	878	4390	-3498	99	-1164	75.4	14.6	57	324	
Light2	2022-01-25	3.2	5.03	21.37	16348	452	4431	-3550	466	-829	75.5	14.5	72	488	
Light2	2022-01-25	2.5	5.03	21.23	16681	971	3198	-3824	445	615	79.5	10.5	90	133	
Light2	2022-01-25	2.5	5.01	21.24	16878	1468	3816	-3879	192	986	77	13.0	78	563	
Light2	2022-01-25	2.2	5.01	21.24	16233	132	5125	-3988	-302	958	73.1	16.9	292	525	
Light2	2022-01-25	1.9	5.01	21.32	16080	-77	2361	-3991	-882	1089	82.9	7.1	265	522	
Light2	2022-01-25	1.9	5.03	21.23	16281	989	3175	-3980	-1044	1084	79.3	10.7	269	438	
Light2	2022-01-25	1.9	5.03	21.23	16881	91	3459	-3966	-1052	1116	79.4	10.6	267	348	
Light2	2022-01-25	1.9	5.01	21.23	16731	336	2432	-3955	-1126	1129	82.8	7.2	267	591	
Light2	2022-02-23 19:49	-2	5.03	20.38	-14130	-9697	8261	2912	392	-447	-49.4	139.4	308	594	
Light2	2022-02-23 19:49	-2	5.03	20.38	-14263	-6057	9157	2954	615	-301	-54.4	144.4	17	542	
Light2	2022-02-23 19:49	-2	5.03	20.68	-1312	963	16842	902	-329	-2900	-5.7	95.7	1	444	
Light2	2022-02-23 19:49	-1.7	5.01	20.79	309	956	16922	520	100	-3034	-0.2	90.2	27	488	
Light2	2022-02-23 19:49	-1.7	5.03	20.66	439	197	17249	422	354	-3035	0.2	89.8	34	371	
Light2	2022-02-23 19:49	-1.7	5.03	20.65	480	730	17278	239	510	-3044	0.4	89.6	51	182	
Light2	2022-02-23 19:49	-1.7	5.03	20.65	445	509	16980	258	518	-3035	0.3	89.7	49	538	
Light2	2022-02-23 19:49	-1.7	5.03	20.81	67	1472	16860	98	650	-3024	-1	91.0	69	439	
Light2	2022-02-23 19:49	-1.7	5.03	20.81	467	418	17020	2	709	-3016	0.4	89.6	66	283	
Light2	2022-02-23 19:49	-1.7	5.03	20.88	-742	52	17346	-173	920	-2963	-3.8	93.8	89	410	
Light2	2022-02-23 19:49	-1.7	5.03	20.64	-447	462	16750	-725	721	-2989	-2.8	92.8	115	552	
Light2	2022-02-23 19:49	-1.7	5.03	20.7	539	303	16893	-1164	522	-2957	0.6	89.4	132	418	
Light2	2022-02-23 19:49	-1.7	5.03	20.7	546	-292	17177	-1182	457	-2966	0.6	89.4	142	517	
Light2	2022-02-23 19:49	-1.7	5.03	20.7	1028	-243	16972	-1472	211	-2925	2.3	87.7	160	471	
Light2	2022-02-23 19:49	-1.7	5.01	20.8	421	954	17015	-1605	-35	-2912	0.2	89.8	164	335	
Light2	2022-02-23 19:50	-1.7	5.03	20.8	628	694	17439	-1678	-184	-2894	0.9	89.1	174	316	
Light2	2022-02-23 19:50	-1.7	5.03	20.72	742	751	17184	-1692	-401	-2896	1.3</				

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-02-23 19:50	-1.7	5.03	20.57	726	-500	17289	-1664	-446	-2907	1.2	88.8	200	469	
Light2	2022-02-23 19:50	-1.7	5.03	20.57	1125	-347	16602	-1689	-506	-2897	2.7	87.3	202	426	
Light2	2022-02-23 19:50	-1.7	5.03	20.65	1072	1118	17114	-1594	-771	-2909	2.4	87.6	202	310	
Light2	2022-02-23 19:50	-1.7	5.03	20.85	421	1368	17213	-1530	-1151	-2863	0.2	89.8	215	553	
Light2	2022-02-23 19:50	-1.7	5.03	20.85	1180	283	16859	-1483	-1150	-2869	2.8	87.2	229	333	
Light2	2022-02-23 19:50	-1.7	5.03	20.85	201	1567	16415	-1087	-1339	-2919	-0.5	90.5	232	529	
Light2	2022-02-23 19:50	-1.7	5.03	21.45	702	70	16871	-784	-1518	-2883	1.2	88.8	259	575	
Light2	2022-02-23 19:50	-1.7	5.01	21.32	552	251	16566	-64	-1175	-2997	0.7	89.3	292	454	
Light2	2022-02-23 19:50	-1.7	5.01	21.08	835	1050	16816	-63	-1155	-3002	1.6	88.4	299	572	
Light2	2022-02-23 19:50	-1.7	5.03	21.08	1119	317	17017	62	-1080	-3003	2.6	87.4	305	428	
Light2	2022-02-23 19:50	-1.7	5.03	21.08	618	1509	17027	229	-1013	-2990	0.9	89.1	321	252	
Light2	2022-02-23 19:50	-1.7	5.03	21.17	432	956	17091	481	-657	-3004	0.2	89.8	341	446	
Light2	2022-02-23 19:50	-1.7	5.03	20.67	5313	-398	16544	-428	-377	-3170	16.6	73.4	342	455	
Light2	2022-02-23 19:50	-1.7	5.03	20.67	5886	-912	15965	-435	-158	-3177	19.1	70.9	350	413	
Light2	2022-02-23 19:50	-1.7	5.03	20.65	5921	-287	15912	-513	53	-3161	19.3	70.7	8	449	
Light2	2022-02-23 19:50	-1.7	5.03	20.61	112	18442	17412	19016	4356	300	-0.4	90.4	120	138	
Light2	2022-02-23 19:50	-1.7	5.03	20.5	6520	-498	15980	-691	403	-3082	21.1	68.9	25	428	
Light2	2022-02-23 19:50	-1.7	5.03	20.5	6200	144	15779	-768	439	-3063	20.3	69.7	37	374	
Light2	2022-02-23 19:50	-1.7	5.03	21.37	6726	-737	16444	-1333	841	-2780	21.1	68.9	67	594	
Light2	2022-02-23 19:51	-1.7	5.03	20.94	7129	10	15491	-1748	808	-2605	23.6	66.4	86	342	
Light2	2022-02-23 19:51	-1.7	5.03	20.94	7652	3	14769	-1844	863	-2518	26.4	63.6	83	560	
Light2	2022-02-23 19:51	-1.7	5.03	20.7	7810	-27	15323	-2156	662	-2408	26	64.0	104	546	
Light2	2022-02-23 19:51	-1.7	5.03	20.68	7592	260	15759	-2488	468	-2226	24.6	65.4	130	411	
Light2	2022-02-23 19:51	-1.3	5.03	20.72	7935	272	15182	-2698	315	-2082	26.5	63.5	141	426	
Light2	2022-02-23 19:51	-1.3	5.03	20.76	7824	301	15109	-2769	197	-2039	26.3	63.7	150	456	
Light2	2022-02-23 19:51	-1.3	5.01	20.76	7900	781	15281	-2840	13	-2024	26.2	63.8	158	337	
Light2	2022-02-23 19:51	-1.3	5.01	20.55	7988	822	15319	-2931	-276	-1978	26.4	63.6	179	467	
Light2	2022-02-23 19:51	-1.3	5.03	20.55	8004	387	15410	-2944	-338	-1980	26.4	63.6	188	447	
Light2	2022-02-23 19:51	-1.3	5.03	20.44	7738	1237	15150	-2966	-577	-1960	25.9	64.1	194	396	
Light2	2022-02-23 19:51	-1.3	5.01	20.45	7502	885	15660	-2878	-925	-2031	24.5	65.5	217	487	
Light2	2022-02-23 19:51	-1.3	5.01	20.45	8127	551	15255	-2824	-1139	-2039	27	63.0	234	336	
Light2	2022-02-23 19:51	-1.3	5.01	20.44	7959	727	14593	-2824	-1176	-2030	27.6	62.4	235	313	
Light2	2022-02-23 19:51	-1.3	5.01	20.44	8038	978	15115	-2663	-1309	-2135	26.9	63.1	242	337	
Light2	2022-02-23 19:51	-1.3	5.03	19.68	8134	874	15244	-2220	-1548	-2409	27	63.0	265	496	
Light2	2022-02-23 19:51	-1.3	5.01	19.56	8448	1048	14849	-2003	-1555	-2519	28.5	61.5	278	215	
Light2	2022-02-23 19:51	-1.3	5.03	19.62	8361	1203	14634	-1914	-1564	-2565	28.6	61.4	283	314	
Light2	2022-02-23 19:51	-1.3	5.03	19.93	8601	827	14824	-1733	-1453	-2692	29.1	60.9	292	598	
Light2	2022-02-23 19:51	-1.3	5.01	20.62	7963	1094	14724	-1295	-1043	-2959	27.3	62.7	320	473	
Light2	2022-02-23 19:51	-1.3	5.01	20.65	8139	619	14948	-1088	-612	-3078	27.5	62.5	341	465	
Light2	2022-02-23 19:51	-1.3	5.03	20.65	8117	131	15432	-1096	-549	-3081	26.7	63.3	337	430	
Light2	2022-02-23 19:51	-1.3	5.03	20.65	9405	1507	13675	-1316	-450	-3034	33.4	56.6	4	572	
Light2	2022-02-23 19:51	-1.3	5.03	20.72	10929	1110	13235	-1715	-478	-2886	38.6	51.4	358	390	
Light2	2022-02-23 19:51	-1.3	5.03	20.72	10785	959	13230	-1719	-461	-2891	38.3	51.7	357	345	
Light2	2022-02-23 19:51	-1.3	5.03	20.78	10892	1101	13101	-1762	-172	-2857	38.8	51.2	16	351	
Light2	2022-02-23 19:51	-1.3	5.03	20.72	11145	780	13173	-1846	60	-2775	39.4	50.6	25	448	
Light2	2022-02-23 19:52	-1.3	5.03	20.69	11043	915	13471	-2037	355	-2604	38.4	51.6	51	469	
Light2	2022-02-23 19:52	-1.3	5.03	20.74	11299	868	12674	-2307	518	-2354	40.9	49.1	66	309	
Light2	2022-02-23 19:52	-1.3	5.03	20.78	11264	1157	12972	-2517	603	-2127	40.1	49.9	83	414	
Light2	2022-02-23 19:52	-1.3	5.01	20.68	11158	227	12589	-2963	544	-1672	40.8	49.2	110	510	
Light2	2022-02-23 19:52	-1	5.01	20.61	11456	472	12835	-3194	307	-1451	41	49.0	129	558	
Light2	2022-02-23 19:52	-1	5.01	20.57	11419	792	12931	-3344	70	-1318	40.6	49.4	147	302	
Light2	2022-02-23 19:52	-1	5.03	20.52	12143	152	12189	-3553	-278	-1027	44.3	45.7	191	431	
Light2	2022-02-23 19:52	-1	5.03	20.59	12077	485	11535	-3569	-627	-1019	45.7	44.3	221	372	
Light2	2022-02-23 19:52	-1	5.03	20.58	12198	520	12104	-3586	-634	-984	44.6	45.4	220	264	
Light2	2022-02-23 19:52	-1	5.01	20.58	12286	528	11881	-3597	-770	-966	45.3	44.7	230	309	
Light2	2022-02-23 19:52	-1	5.03	20.57	12521	602	11972	-3594	-904	-968	45.6	44.4	237	303	
Light2	2022-02-23 19:52	-1	5.03	20.54	11383	1693	12494	-3218	-1387	-1478	41.3	48.7	251	283	
Light2	2022-02-23 19:52	-1	5.01	20.54	11860	593	12652	-3249	-1350	-1450	42.4	47.6	255	257	
Light2	2022-02-23 19:52	-1	5.03	20.35	11599	757	12522	-3051	-1530	-1631	42	48.0	263	488	
Light2	2022-02-23 19:52	-1	5.01	20.35	11974	764	12505	-3050	-1473	-1666	43	47.0	264	334	
Light2	2022-02-23 19:52	-1	5.03	20.34	11913	100	11688	-3052	-1485	-1653	45	45.0	268	573	
Light2	2022-02-23 19:52	-1	5.03	20.32	12018	735	12053	-2881	-1568	-1816	44.2	45.8	274	517	
Light2	2022-02-23 19:52	-1	5.03	20.15	11955	2083	12086	-2679	-1684	-1979	43.5	46.5	284	450	
Light2	2022-02-23 19:52	-1	5.01	20.21	12486	1621	11286	-2661	-1670	-1983	47	43.0	291	220	
Light2	2022-02-23 19:52	-0.7	5.01	20.74	11895	1770	12205	-2086	-983	-2660	43.2	46.8	338	351	
Light2	2022-02-23 19:53	-0.7	5.03	20.8	16271	1488	5241	-3336	-1007	-1448	71.9	18.1	341	160	
Light2	2022-02-23 19:53	-0.7	5.03	20.82	16151	1753	4857	-3342	-1102	-1400	72.7	17.3	346	421	
Light2	2022-02-23 19:53	-0.7	5.03	20.82	16057	1807	4732	-3353	-1123	-1373	72.9	17.1	347	413	
Light2	2022-02-23 19:53	-0.7	5.03	20.82	15936	2589	5057	-3371	-1059	-1366	70.6	19.4	13	137	
Light2	2022-02-23 19:53	-0.4	5.03	20.87	15988	233	6112	-3179	8	-1604	69.5	20.5	23	210	
Light2	2022-03-03 20:06	0.6	5.03	22.43	15608	260	6752	-3221	-595	-1813	66.9	23.1	334	377	
Light2	2022-03-03 20:06	0.6	5.03	22.43	16085	134	5351	-3464	-625	-1450	72.2	17.8	323	346	
Light2	2022-03-03 20:06	0.6	5.03	21.34	3799	249	16731	-239	-83	-3265	11.6	78.4	8	150	
Light2	2022-03-03 20:06	0.6	5.03	21.44	8923	416	14647	-1344	-142	-3139	30.4	59.6	7	349	
Light2	2022-03-03 20:06	0.6	5.03	21.44	10357	561	13496	-1706	-153	-3017	36.6	53.4	9	552	
Light2	2022-03-03 20:06	0.6	5.03	21.44	11792	577	12363	-2092	-222	-2819	42.9	47.1	6	248	
Light2	2022-03-03 20:06	0.6	5.03	21.19	14202	661	8898	-2713	-250	-2368	57.8	32.2	8	249	
Light2	2022-03-03 20:06	0.6	5.03	21.19	14143	646	9592	-2765	-277	-2318	55.6	34.4	6	296	
Light2	2022-03-03 20:06	0.6	5.03	21.35	15956	458	5495	-3369	-228	-1594	71.5	18.5	12	334	
Light2	2022-03-03 20:06	0.6	5.03	21.35	16145	231	5545	-3372	-215	-1569	71.6	18.4	4	421	
Light2	2022-03-03 20:06	0.6	5.03	21.35	16787	162	2803	-3696	-211	-932	81.6	8.4	9	523	
Light2	2022-03-03 20:06	0.6	5.03	21.45	2858	266	17119	-56	275	-3244	8.4	81.6	30	302	
Light2	2022-03-03 20:06	0.6													

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az								
Light2	2022-03-03 20:06	0.6	5.03	21.2	12738	319	11196	-2277	174	-2656	48.2	41.8	24	538	
Light2	2022-03-03 20:06	0.6	5.03	21.2	13458	275	10718	-2580	117	-2442	51.1	38.9	25	495	
Light2	2022-03-03 20:06	0.6	5.03	21.17	12669	771	11297	-2501	30	-2517	47.7	42.3	31	440	
Light2	2022-03-03 20:06	0.6	5.03	21.17	14150	790	9565	-2722	20	-2325	55.6	34.4	28	497	
Light2	2022-03-03 20:06	0.6	5.03	21.17	15032	731	8307	-3022	28	-2014	61	29.0	33	506	
Light2	2022-03-03 20:06	0.6	5.03	21.17	15662	871	5902	-3338	-65	-1607	69.6	20.4	37	432	
Light2	2022-03-03 20:06	0.6	5.03	21.5	15993	737	5824	-3382	85	-1479	70.3	19.7	46	343	
Light2	2022-03-03 20:06	0.6	5.03	21.5	922	1766	16791	203	245	-3214	1.9	88.1	47	211	
Light2	2022-03-03 20:06	0.6	5.01	21.5	1008	1384	17103	118	305	-3219	2.2	87.8	49	239	
Light2	2022-03-03 20:06	0.6	5.03	21.58	6539	1554	15856	-1030	202	-3203	21.2	68.8	48	524	
Light2	2022-03-03 20:06	0.6	5.03	21.58	6571	1607	15774	-1057	213	-3195	21.4	68.6	50	568	
Light2	2022-03-03 20:06	0.3	5.03	21.13	9977	1515	14023	-1833	159	-2932	34.3	55.7	46	288	
Light2	2022-03-03 20:07	0.3	5.03	21.25	10498	840	13271	-1930	239	-2866	37.5	52.5	39	450	
Light2	2022-03-03 20:07	0.6	5.03	21.25	13104	759	11062	-2605	276	-2388	49.3	40.7	46	345	
Light2	2022-03-03 20:07	0.6	5.03	21.25	12825	1128	11269	-2567	264	-2420	48	42.0	51	453	
Light2	2022-03-03 20:07	0.6	5.03	21.25	14026	1011	8350	-2797	279	-2195	59	31.0	44	417	
Light2	2022-03-03 20:07	0.6	5.03	21.38	15493	661	6977	-3272	282	-1592	65.9	24.1	55	239	
Light2	2022-03-03 20:07	0.3	5.03	21.38	15611	494	7259	-3252	325	-1606	65.2	24.8	54	531	
Light2	2022-03-03 20:07	0.3	5.03	21.52	1179	653	17298	-97	631	-3201	2.8	87.2	63	287	
Light2	2022-03-03 20:07	0.6	5.03	21.52	2001	755	17194	-256	637	-3199	5.5	84.5	63	434	
Light2	2022-03-03 20:07	0.3	5.03	21.06	6658	926	16023	-1269	541	-3080	21.4	68.6	65	437	
Light2	2022-03-03 20:07	0.3	5.03	21.06	10548	640	17418	-31519	4490	312	31.1	58.9	91	335	
Light2	2022-03-03 20:07	0.3	5.03	21.18	10521	806	13399	-2120	513	-2691	37.2	52.8	59	347	
Light2	2022-03-03 20:07	0.3	5.03	21.18	11183	328	12879	-2177	526	-2641	40.2	49.8	51	425	
Light2	2022-03-03 20:07	0.3	5.03	21.18	13141	739	10792	-2716	472	-2206	50.1	39.9	59	302	
Light2	2022-03-03 20:07	0.3	5.03	21.35	15464	68	7368	-3291	522	-1446	64.8	25.2	62	410	
Light2	2022-03-03 20:07	0.3	5.03	21.47	15193	552	7852	-3200	456	-1619	62.7	27.3	62	368	
Light2	2022-03-03 20:07	0.3	5.03	21.47	14975	234	8580	-3123	500	-1720	60.2	29.8	60	273	
Light2	2022-03-03 20:07	0.3	5.03	21.42	1956	314	16746	-403	869	-3151	5.5	84.5	73	408	
Light2	2022-03-03 20:07	0.3	5.03	21.13	3571	247	16546	-717	779	-3143	11	79.0	70	521	
Light2	2022-03-03 20:07	0.3	5.03	21.06	8418	429	14937	-1776	664	-2844	28.4	61.6	67	554	
Light2	2022-03-03 20:07	0.3	5.03	21.1	8273	331	15159	-1744	681	-2847	27.6	62.4	68	368	
Light2	2022-03-03 20:07	0.3	5.03	21.1	11756	313	12587	-2458	653	-2383	42.3	47.7	66	570	
Light2	2022-03-03 20:07	0.3	5.03	21.1	12126	-77	12186	-2557	665	-2276	44.2	45.8	65	504	
Light2	2022-03-03 20:07	0.3	5.03	21.26	13677	259	10114	-2929	640	-1895	53.2	36.8	68	240	
Light2	2022-03-03 20:07	0.3	5.03	21.26	13724	418	10192	-2927	626	-1906	53.1	36.9	69	580	
Light2	2022-03-03 20:07	0.3	5.03	21.26	14436	500	8539	-3156	609	-1605	59.3	30.7	70	207	
Light2	2022-03-03 20:07	0.3	5.03	21.44	16274	-247	5026	-3523	656	-805	73.5	16.5	71	517	
Light2	2022-03-03 20:07	0.3	5.03	21.49	1079	-263	16892	-356	943	-3113	2.4	87.6	79	387	
Light2	2022-03-03 20:07	0.3	5.03	21.17	1262	-378	17565	-449	976	-3096	3	87.0	82	353	
Light2	2022-03-03 20:07	0.3	5.03	21.17	2866	-381	16390	-669	947	-3099	8.7	81.3	75	403	
Light2	2022-03-03 20:07	0.3	5.03	20.96	7208	10	15612	-1654	811	-2859	23.7	66.3	76	502	
Light2	2022-03-03 20:07	0.3	5.03	20.96	7176	168	15742	-1669	807	-2854	23.4	66.6	78	442	
Light2	2022-03-03 20:07	0	5.03	20.87	11205	283	13116	-2443	712	-2375	39.7	50.3	73	465	
Light2	2022-03-03 20:07	0	5.03	20.87	11025	340	12477	-2459	714	-2356	40.8	49.2	72	232	
Light2	2022-03-03 20:08	0	5.03	21.18	13718	117	10650	-3025	672	-1762	51.8	38.2	78	392	
Light2	2022-03-03 20:08	0	5.03	21.38	15999	257	5712	-3539	628	-781	70.9	19.1	79	413	
Light2	2022-03-03 20:08	0	5.03	21.25	928	268	17002	-648	883	-3118	1.9	88.1	95	423	
Light2	2022-03-03 20:08	0	5.03	20.8	1878	787	16747	-737	810	-3135	5.2	84.8	90	424	
Light2	2022-03-03 20:08	0	5.03	20.6	11606	156	12710	-2780	698	-2042	41.7	48.3	89	425	
Light2	2022-03-03 20:08	0	5.03	21.23	12170	403	11841	-2946	662	-1852	45.2	44.8	90	565	
Light2	2022-03-03 20:08	0	5.03	21.23	15496	65	7255	-3510	662	-821	65.2	24.8	86	279	
Light2	2022-03-03 20:08	0	5.03	21.37	12640	-422	11207	-3331	678	-1212	48	42.0	109	570	
Light2	2022-03-03 20:08	0	5.03	21.14	510	-71	17038	-796	860	-3101	0.5	89.5	108	375	
Light2	2022-03-03 20:08	0	5.03	21.14	2093	-267	17573	-1116	867	-3026	5.8	84.2	108	517	
Light2	2022-03-03 20:08	0	5.03	20.87	5340	-34	16212	-1715	795	-2824	17.1	72.9	102	545	
Light2	2022-03-03 20:08	0	5.03	20.87	8276	133	14767	-2222	755	-2528	28.3	61.7	95	323	
Light2	2022-03-03 20:08	0	5.03	20.67	8902	44	14354	-2419	736	-2372	30.9	59.1	99	318	
Light2	2022-03-03 20:08	-0.4	5.03	20.67	11991	189	12166	-3013	667	-1783	44	46.0	97	424	
Light2	2022-03-03 20:08	-0.4	5.03	21.06	11933	444	11915	-3019	654	-1775	44.4	45.6	96	472	
Light2	2022-03-03 20:08	-0.4	5.01	21.06	13354	178	10374	-3276	647	-1366	51.8	38.2	95	538	
Light2	2022-03-03 20:08	-0.4	5.03	21.06	14561	158	8981	-3500	598	-908	58.3	31.7	97	261	
Light2	2022-03-03 20:08	-0.4	5.03	21.3	14756	-180	8881	-3492	667	-862	58.9	31.1	96	468	
Light2	2022-03-03 20:08	-0.4	5.03	21.3	16061	-401	4910	-3675	724	-25	73.7	16.3	88	447	
Light2	2022-03-03 20:08	-0.4	5.03	21.39	901	-211	17155	-1263	639	-3064	1.8	88.2	133	493	
Light2	2022-03-03 20:08	-0.4	5.03	21.39	4702	-222	15925	-1805	612	-2844	15.3	74.7	119	442	
Light2	2022-03-03 20:08	-0.4	5.01	21.36	7306	94	15637	-2526	486	-2388	24	66.0	131	565	
Light2	2022-03-03 20:08	-0.4	5.03	21.36	7809	-80	14894	-2600	495	-2318	26.7	63.3	129	403	
Light2	2022-03-03 20:08	-0.4	5.03	20.94	11384	-197	13069	-3216	496	-1570	40.3	49.7	124	323	
Light2	2022-03-03 20:08	-0.4	5.03	20.94	11210	-294	13272	-3223	475	-1578	39.4	50.6	128	429	
Light2	2022-03-03 20:08	-0.4	5.03	21.1	11292	249	12869	-3263	444	-1532	40.5	49.5	125	423	
Light2	2022-03-03 20:08	-0.4	5.03	21.1	11868	-192	11682	-3295	464	-1451	44.9	45.1	119	280	
Light2	2022-03-03 20:08	-0.4	5.03	21.17	15134	-475	9007	-3708	413	-488	59.2	30.8	112	540	
Light2	2022-03-03 20:08	-0.4	5.03	21.17	15205	-561	7714	-3722	425	-359	63.3	26.7	105	487	
Light2	2022-03-03 20:08	-0.4	5.03	21.29	15807	-441	5797	-3811	393	101	70.4	19.6	97	551	
Light2	2022-03-03 20:08	-0.4	5.03	21.33	16419	-152	4065	-3838	372	669	77	13.0	90	474	
Light2	2022-03-03 20:09	-0.4	5.03	21.33	1000	-756	17555	-1599	200	-3028	2.1	87.9	169	447	
Light2	2022-03-03 20:09	-0.7	5.03	21.24	7453	-58	15422	-2791	158	-2228	24.7	65.3	158	381	
Light2	2022-03-03 20:09	-0.7	5.03	20.88	10960	192	13179	-3372	59	-1520	39	51.0	157	214	
Light2	2022-03-03 20:09	-0.7	5.03	21.03	13371	229	10655	-3713	44	-789	51.1	38.9	149	222	
Light2	2022-03-03 20:09	-0.7	5.01	21.03	15456	35	7196	-3908	40	130	65.3	24.7	122	483	
Light2	2022-03-03 20:09	-0.7	5.01	21.2	16689	-186	3207	-3889	67	1065	80.2	9.8	88	349	
Light2	2022-03-03 20:09	-0.7	5.03	21.29	648	-145	16969	-1677</							

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-03-03 20:09	-0.7	5.03	20.91	12032	161	11893	-3649	-333	-1067	44.7	45.3	197	463	
Light2	2022-03-03 20:09	-0.7	5.03	21.02	15127	-35	7998	-3954	-351	8	62.3	27.7	229	556	
Light2	2022-03-03 20:09	-0.7	5.03	21.02	15222	122	7502	-3953	-393	-34	64	26.0	235	289	
Light2	2022-03-03 20:09	-0.7	5.01	21.1	16326	70	3753	-3978	-414	969	78	12.0	276	243	
Light2	2022-03-03 20:09	-0.7	5.03	21.1	745	-145	17007	-1630	-502	-3032	1.3	88.7	200	595	
Light2	2022-03-03 20:09	-1	5.01	21.47	690	-214	17155	-1614	-486	-3039	1.1	88.9	200	328	
Light2	2022-03-03 20:09	-1	5.03	21.47	4689	-302	16363	-2272	-546	-2694	14.8	75.2	208	571	
Light2	2022-03-03 20:09	-1	5.03	21.47	7983	22	15198	-2946	-613	-2141	26.7	63.3	211	544	
Light2	2022-03-03 20:09	-1	5.03	21.47	8039	7	14571	-2956	-636	-2124	27.9	62.1	214	227	
Light2	2022-03-03 20:09	-1	5.03	21.58	8107	-486	15155	-2973	-575	-2104	27.1	62.9	214	369	
Light2	2022-03-03 20:09	-1	5.03	21.32	12423	147	12086	-3629	-721	-1121	45.2	44.8	229	180	
Light2	2022-03-03 20:09	-1	5.03	20.99	15115	295	7232	-3963	-775	47	64.7	25.3	259	453	
Light2	2022-03-03 20:09	-1	5.03	20.99	15218	120	7662	-3968	-764	18	63.4	26.6	258	366	
Light2	2022-03-03 20:09	-1	5.03	21.08	16402	130	4157	-3994	-786	896	76.6	13.4	271	410	
Light2	2022-03-03 20:09	-1	5.03	21.62	1675	201	17012	-1708	-823	-2945	4.4	85.6	214	408	
Light2	2022-03-03 20:09	-1	5.03	21.62	2234	80	16732	-1827	-762	-2906	6.4	83.6	212	587	
Light2	2022-03-03 20:09	-1	5.03	21.98	9372	316	14788	-3152	-928	-1858	31.4	58.6	227	542	
Light2	2022-03-03 20:09	-1.3	5.03	21.98	10153	308	13662	-3217	-902	-1789	35.8	54.2	232	290	
Light2	2022-03-03 20:09	-1.3	5.03	21.22	12787	159	11592	-3623	-935	-1096	47.3	42.7	243	384	
Light2	2022-03-03 20:10	-1.3	5.03	21.03	15759	-834	7706	-3949	-867	-63	64	26.0	263	480	
Light2	2022-03-03 20:10	-1.3	5.03	21.06	15488	-692	7257	-3967	-807	-12	65.1	24.9	263	363	
Light2	2022-03-03 20:10	-1.3	5.03	21.09	16363	-335	5080	-3998	-884	706	73.4	16.6	271	554	
Light2	2022-03-03 20:10	-1.3	5.03	21.48	-312	-118	18429	-1358	-923	-3054	-2.4	92.4	218	462	
Light2	2022-03-03 20:10	-1.3	5.03	21.48	924	42	17137	-1472	-942	-3003	1.9	88.1	222	523	
Light2	2022-03-03 20:10	-1.7	5.03	21.5	9506	276	14549	-2964	-1106	-2025	32.2	57.8	241	582	
Light2	2022-03-03 20:10	-1.7	5.03	21.2	12838	156	11657	-3545	-1135	-1188	47.2	42.8	252	509	
Light2	2022-03-03 20:10	-1.7	5.03	21.2	14592	-67	8900	-3808	-1090	-570	58.6	31.4	261	485	
Light2	2022-03-03 20:10	-1.7	5.03	21.2	14755	-45	8865	-3829	-1094	-502	59	31.0	261	405	
Light2	2022-03-03 20:10	-1.7	5.03	21.04	15165	-586	7682	-3868	-1048	-406	63.3	26.7	265	473	
Light2	2022-03-03 20:10	-1.7	5.03	21.07	15021	-166	7964	-3852	-1058	-442	62.2	27.8	264	556	
Light2	2022-03-03 20:10	-1.7	5.03	21.1	16430	-248	3512	-3985	-1102	701	78.9	11.1	269	540	
Light2	2022-03-03 20:10	-1.7	5.03	21.1	219	-281	17058	-972	-1019	-3089	-0.5	90.5	239	349	
Light2	2022-03-03 20:10	-1.7	5.03	21.69	400	-105	16823	-998	-1052	-3074	0.1	89.9	240	235	
Light2	2022-03-03 20:10	-1.7	5.03	21.69	294	30	17260	-1079	-1069	-3065	-0.3	90.3	235	484	
Light2	2022-03-03 20:10	-2	5.03	21.69	6184	113	15712	-2157	-1185	-2635	20.4	69.6	248	336	
Light2	2022-03-03 20:10	-2	5.03	22.06	10842	784	12967	-2983	-1337	-1912	39.1	50.9	259	481	
Light2	2022-03-03 20:10	-2	5.03	21.05	10717	694	12905	-3018	-1330	-1883	38.9	51.1	258	524	
Light2	2022-03-03 20:10	-2	5.04	21	13711	680	10861	-3531	-1361	-1115	51.1	38.9	261	318	
Light2	2022-03-03 20:11	-2	5.03	21.04	14383	-330	9367	-3623	-1225	-999	56.8	33.2	266	405	
Light2	2022-03-03 20:11	-2	5.03	21.08	16605	-28	3234	-3944	-1284	408	80	10.0	271	496	
Light2	2022-03-03 20:11	-2.3	5.03	21.33	-610	321	17091	-560	-1176	-3064	-3.3	93.3	251	526	
Light2	2022-03-03 20:11	-2.3	5.03	21.33	2493	385	17044	-1109	-1201	-3005	7.2	82.8	257	494	
Light2	2022-03-03 20:11	-2.3	5.03	21.72	6584	544	15667	-1991	-1306	-2677	21.7	68.3	260	229	
Light2	2022-03-03 20:11	-2.3	5.03	21.26	11332	661	12824	-2948	-1391	-1934	40.7	49.3	265	573	
Light2	2022-03-03 20:11	-2.3	5.03	21.26	11354	706	12625	-2942	-1404	-1924	41.2	48.8	267	328	
Light2	2022-03-03 20:11	-2.3	5.03	20.84	14304	255	8573	-3535	-1392	-1091	59.1	30.9	273	397	
Light2	2022-03-03 20:11	-2.3	5.03	20.96	14448	201	9060	-3540	-1346	-1090	57.8	32.2	271	334	
Light2	2022-03-03 20:11	-2.3	5.03	20.96	15803	330	6603	-3708	-1348	-687	67.6	22.4	276	560	
Light2	2022-03-03 20:11	-2.3	5.03	20.96	16381	-22	4652	-3898	-1377	67	74.9	15.1	273	532	
Light2	2022-03-03 20:11	-2.3	5.03	21.04	203	705	16572	-467	-1229	-3040	-0.5	90.5	265	417	
Light2	2022-03-03 20:11	-2.3	5.03	21.04	6	347	17464	-506	-1179	-3073	-1.2	91.2	261	380	
Light2	2022-03-03 20:11	-2.3	5.03	21.54	2358	18	17002	-946	-1149	-3058	6.7	83.3	264	529	
Light2	2022-03-03 20:11	-2.3	5.03	21.54	7396	220	15529	-2003	-1238	-2692	24.4	65.6	267	316	
Light2	2022-03-03 20:11	-2.6	5.03	21.15	11890	398	12618	-2890	-1356	-2016	42.6	47.4	272	386	
Light2	2022-03-03 20:11	-2.6	5.03	20.77	12010	478	12416	-2906	-1383	-1982	43.3	46.7	273	448	
Light2	2022-03-03 20:11	-2.6	5.03	20.77	14796	281	8710	-3501	-1340	-1182	59.5	30.5	276	389	
Light2	2022-03-03 20:11	-2.6	5.03	20.98	14823	169	8570	-3535	-1331	-1121	60	30.0	275	254	
Light2	2022-03-03 20:11	-2.6	5.03	20.98	16670	472	2639	-3910	-1421	293	81.9	8.1	276	379	
Light2	2022-03-03 20:11	-2.6	5.03	21.06	16752	360	2127	-3910	-1425	296	83.8	6.2	277	469	
Light2	2022-03-03 20:11	-2.6	5.03	21.06	-229	368	17432	-298	-1190	-3057	-2	92.0	270	403	
Light2	2022-03-03 20:11	-2.6	5.03	21.55	6160	625	16064	-1553	-1287	-2871	19.8	70.2	277	386	
Light2	2022-03-03 20:11	-2.6	5.03	21.55	8923	1003	14384	-2046	-1322	-2646	30.8	59.2	286	589	
Light2	2022-03-03 20:11	-2.6	5.03	21.15	10405	811	13662	-2436	-1356	-2402	36.4	53.6	280	588	
Light2	2022-03-03 20:11	-2.6	5.03	20.74	13282	-261	10430	-3111	-1211	-1826	51.5	38.5	281	275	
Light2	2022-03-03 20:11	-2.6	5.03	20.95	12929	-254	11245	-2960	-1187	-2014	48.5	41.5	282	567	
Light2	2022-03-03 20:11	-2.6	5.03	21.07	15795	227	6157	-3659	-1326	-848	69.1	20.9	281	289	
Light2	2022-03-03 20:12	-2.9	5.03	21.14	1141	-688	17802	-259	-935	-3135	2.6	87.4	288	520	
Light2	2022-03-03 20:12	-2.9	5.03	21.14	2832	922	16708	-481	-1033	-3108	8.4	81.6	302	342	
Light2	2022-03-03 20:12	-2.9	5.03	21.14	5362	432	15759	-954	-1043	-3085	17.6	72.4	303	579	
Light2	2022-03-03 20:12	-2.9	5.03	21.14	7498	497	15493	-1517	-1093	-2948	24.7	65.3	297	363	
Light2	2022-03-03 20:12	-2.9	5.03	21.8	9023	445	14604	-1831	-1081	-2839	30.7	59.3	301	478	
Light2	2022-03-03 20:12	-2.9	5.03	21.8	10710	194	13309	-2189	-1088	-2645	38	52.0	301	494	
Light2	2022-03-03 20:12	-2.9	5.03	21.26	11732	166	12558	-2486	-1065	-2464	42.4	47.6	297	453	
Light2	2022-03-03 20:12	-2.9	5.03	20.98	11892	517	12145	-2521	-1094	-2427	43.7	46.3	301	554	
Light2	2022-03-03 20:12	-2.9	5.03	20.98	12594	595	11795	-2618	-1155	-2332	46.3	43.7	300	440	
Light2	2022-03-03 20:12	-2.9	5.03	20.98	14378	538	9129	-3152	-1205	-1788	57.4	32.6	295	507	
Light2	2022-03-03 20:12	-2.9	5.03	21.02	16203	511	5304	-3599	-1254	-1046	72.4	17.6	293	307	
Light2	2022-03-03 20:12	-2.9	5.03	21.56	1151	1372	17000	76	-951	-3078	2.7	87.3	321	362	
Light2	2022-03-03 20:12	-2.9	5.03	21.56	998	1286	17271	73	-941	-3088	2.1	87.9	319	157	
Light2	2022-03-03 20:12	-2.9	5.03	21.56	3874	1102	16512	-477	-906	-3151	12	78.0	321	299	
Light2	2022-03-03 20:12	-2.9	5.03	21.56	6010	1228	15840	-982	-971	-3102	19.6	70.4	318	246	
Light2	2022-03-03 20:12	-3.3	5.03	21.56	6344	1366	15794	-1028	-999	-3092	20.7	69.3	319	404	
Light2	2022-03-03 20:12	-3.3	5.03	21.56	8811										

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-03-03 20:12	-3.3	5.03	21.22	2530	1460	16784	-161	-710	-3182	7.3	82.7	339	483	
Light2	2022-03-03 20:12	-3.3	5.03	21.22	1353	662	17024	172	-492	-3178	3.4	86.6	345	555	
Light2	2022-03-03 20:12	-3.6	5.03	21.22	9560	1021	14057	-1642	-662	-3008	33.2	56.8	341	355	
Light2	2022-03-03 20:12	-3.6	5.03	21.22	12118	1436	12260	-2323	-782	-2645	43.8	46.2	341	496	
Light2	2022-03-03 20:12	-3.6	5.03	21.22	12917	1264	11400	-2490	-773	-2539	47.8	42.2	340	403	
Light2	2022-03-03 20:12	-3.6	5.03	21.15	15510	921	7019	-3102	-775	-1960	65.7	24.3	342	592	
Light2	2022-03-03 20:12	-3.6	5.03	21.15	15291	1045	6986	-3223	-784	-1810	65.4	24.6	339	456	
Light2	2022-03-03 20:12	-3.6	5.03	21.15	15941	1249	3875	-3677	-890	-997	76.4	13.6	339	305	
Light2	2022-03-03 20:12	-3.6	5.03	21.15	16839	1053	1547	-3863	-878	-512	84.5	5.5	33	240	
Light2	2022-03-03 20:12	-3.6	5.03	21.3	16726	895	1141	-3867	-871	-486	85.8	4.2	49	360	
Light2	2022-04-27 23:08	5.1	5.03	21.62	4405	352	16342	-350	-338	-3316	13.9	76.1	353	354	
Light2	2022-04-27 23:08	5.1	5.01	21.55	10150	-546	13785	-1721	-195	-3066	35.5	54.5	348	443	
Light2	2022-04-27 23:08	5.1	5.03	20.47	12863	36	11424	-2503	-332	-2644	47.9	42.1	348	537	
Light2	2022-04-27 23:08	5.1	5.03	20.86	13611	326	10453	-2711	-390	-2489	52.1	37.9	350	502	
Light2	2022-04-27 23:08	5.1	5.03	20.86	15129	265	7777	-3219	-487	-2022	62.9	27.1	341	205	
Light2	2022-04-27 23:08	5.1	5.03	20.86	15329	448	7906	-3249	-462	-1987	62.8	27.2	346	413	
Light2	2022-04-27 23:08	5.1	5.03	21.4	16138	374	5333	-3630	-496	-1467	72.3	17.7	340	365	
Light2	2022-04-27 23:08	5.1	5.03	21.4	16307	491	5524	-3608	-525	-1504	71.7	18.3	342	367	
Light2	2022-04-27 23:08	5.1	5.03	20.35	3178	120	16950	-54	188	-3296	9.5	80.5	22	316	
Light2	2022-04-27 23:08	5.1	5.03	20.22	7723	498	15531	-1174	11	-3217	25.3	64.7	21	566	
Light2	2022-04-27 23:08	5.1	5.03	20.05	8368	413	15338	-1352	33	-3172	27.6	62.4	22	579	
Light2	2022-04-27 23:08	5.1	5.03	20.27	10461	747	13792	-1861	-18	-2982	36.3	53.7	24	441	
Light2	2022-04-27 23:08	5.1	5.03	20.74	12382	732	11993	-2407	-59	-2674	45.2	44.8	23	416	
Light2	2022-04-27 23:08	5.1	5.03	20.74	13188	231	10852	-2507	-10	-2605	50.1	39.9	14	398	
Light2	2022-04-27 23:08	5.1	5.03	20.74	14224	475	9880	-2897	-56	-2294	54.9	35.1	21	434	
Light2	2022-04-27 23:08	5.1	5.03	21.12	14484	487	9203	-2982	-51	-2215	57.4	32.6	21	512	
Light2	2022-04-27 23:09	5.1	5.03	21.12	15072	280	7753	-3291	-18	-1860	62.9	27.1	25	538	
Light2	2022-04-27 23:09	5.1	5.03	21.12	15860	187	6193	-3487	-28	-1581	69.1	20.9	23	362	
Light2	2022-04-27 23:09	5.1	5.03	20.39	2116	230	17006	-20	462	-3249	5.9	84.1	42	355	
Light2	2022-04-27 23:09	5.1	5.03	20.39	2533	270	17054	-69	435	-3267	7.3	82.7	40	194	
Light2	2022-04-27 23:09	5.1	5.03	20.46	4121	-8	16772	-444	451	-3267	12.6	77.4	41	461	
Light2	2022-04-27 23:09	5.1	5.03	20.22	8206	-111	14937	-1368	439	-3090	27.8	62.2	39	252	
Light2	2022-04-27 23:09	5.1	5.03	20.22	8657	-506	14953	-1468	478	-3059	29.1	60.9	37	475	
Light2	2022-04-27 23:09	5.1	5.03	20.32	10628	-283	13797	-1888	458	-2878	36.8	53.2	35	480	
Light2	2022-04-27 23:09	5.1	5.03	20.32	11774	-303	12258	-2235	414	-2690	43.2	46.8	33	312	
Light2	2022-04-27 23:09	5.1	5.03	20.77	11716	-355	12406	-2228	438	-2691	42.7	47.3	34	451	
Light2	2022-04-27 23:09	5.1	5.03	20.77	13725	-173	10204	-2787	348	-2289	53.1	36.9	36	212	
Light2	2022-04-27 23:09	5.1	5.03	21.1	13730	-256	10126	-2774	366	-2286	53.3	36.7	35	235	
Light2	2022-04-27 23:09	5.1	5.03	21.4	15368	-51	8127	-3272	286	-1793	62.2	27.8	43	426	
Light2	2022-04-27 23:09	5.1	5.03	21.4	15202	141	7854	-3269	299	-1818	62.8	27.2	45	370	
Light2	2022-04-27 23:09	5.1	5.03	21.4	14733	612	9073	-3147	260	-1958	58.2	31.8	53	558	
Light2	2022-04-27 23:09	5.1	5.03	21.1	2406	69	16821	-128	692	-3223	6.9	83.1	52	489	
Light2	2022-04-27 23:09	5.1	5.03	20.44	7492	159	15244	-1350	591	-3069	25.1	64.9	54	406	
Light2	2022-04-27 23:09	5.1	5.03	20.46	9510	927	14071	-1813	381	-2926	33.1	56.9	52	299	
Light2	2022-04-27 23:09	5.1	5.03	20.46	9143	376	14509	-1783	495	-2924	31.2	58.8	54	396	
Light2	2022-04-27 23:09	5.1	5.03	20.7	11533	499	13197	-2374	458	-2591	40.3	49.7	59	364	
Light2	2022-04-27 23:09	5.1	5.03	20.7	11656	225	12360	-2341	509	-2607	42.7	47.3	50	457	
Light2	2022-04-27 23:09	5.1	5.03	20.7	11888	167	12245	-2411	517	-2547	43.5	46.5	51	279	
Light2	2022-04-27 23:09	4.8	5.03	21.08	13322	34	11002	-2734	535	-2279	50	40.0	53	585	
Light2	2022-04-27 23:09	4.8	5.03	21.08	13204	-21	10828	-2772	553	-2228	50.3	39.7	55	358	
Light2	2022-04-27 23:09	4.8	5.03	21.31	14127	-23	10106	-2895	549	-2117	54.2	35.8	53	428	
Light2	2022-04-27 23:09	4.8	5.03	21.31	15410	-288	6901	-3361	560	-1531	66.2	23.8	54	394	
Light2	2022-04-27 23:09	4.8	5.03	21.31	14277	668	9501	-3246	543	-1708	56.1	33.9	76	589	
Light2	2022-04-27 23:09	4.8	5.03	21.4	2696	411	16709	-445	733	-3200	8	82.0	66	238	
Light2	2022-04-27 23:09	4.8	5.03	21.4	2897	587	16805	-508	696	-3206	8.6	81.4	67	370	
Light2	2022-04-27 23:09	4.8	5.03	20.84	3126	53	17122	-584	763	-3183	9.3	80.7	68	363	
Light2	2022-04-27 23:09	4.8	5.03	20.84	5627	-89	15776	-987	794	-3112	18.5	71.5	60	495	
Light2	2022-04-27 23:09	4.8	5.03	20.82	6788	-46	15811	-1375	774	-3005	22.1	67.9	67	133	
Light2	2022-04-27 23:09	4.8	5.03	20.82	7747	-172	15337	-1546	776	-2950	25.7	64.3	63	501	
Light2	2022-04-27 23:09	4.8	5.03	20.6	10300	-257	13644	-2182	781	-2610	36.2	53.8	65	480	
Light2	2022-04-27 23:09	4.8	5.03	20.6	10456	-256	13698	-2189	757	-2610	36.5	53.5	64	279	
Light2	2022-04-27 23:09	4.8	5.03	21.02	12077	-186	11673	-2624	729	-2295	45.4	44.6	64	495	
Light2	2022-04-27 23:09	4.8	5.03	21.02	12267	12	12167	-2619	719	-2303	44.6	45.4	67	469	
Light2	2022-04-27 23:09	4.8	5.03	21.02	12554	-13	11932	-2758	712	-2174	45.9	44.1	72	409	
Light2	2022-04-27 23:09	4.8	5.03	21.27	14197	-626	9995	-3098	724	-1801	54.6	35.4	68	374	
Light2	2022-04-27 23:09	4.8	5.03	21.27	14044	-662	10011	-3097	761	-1794	54.2	35.8	69	557	
Light2	2022-04-27 23:09	4.8	5.03	21.27	16151	-269	5475	-3640	693	-894	71.9	18.1	73	248	
Light2	2022-04-27 23:09	4.8	5.03	21.51	16175	-120	5661	-3653	670	-890	71.3	18.7	75	363	
Light2	2022-04-27 23:09	4.8	5.03	21.51	16432	-107	3615	-3768	624	-629	78.6	11.4	72	186	
Light2	2022-04-27 23:10	4.8	5.03	21.51	935	162	17062	-209	845	-3173	1.9	88.1	73	459	
Light2	2022-04-27 23:10	4.8	5.03	21.51	1347	-188	17139	-306	917	-3149	3.3	86.7	74	183	
Light2	2022-04-27 23:10	4.8	5.03	21.45	4190	194	16297	-797	836	-3129	13.2	76.8	68	559	
Light2	2022-04-27 23:10	4.8	5.03	21.45	5661	-117	16216	-1225	837	-3023	18.1	71.9	73	458	
Light2	2022-04-27 23:10	4.8	5.03	20.77	7315	0	14984	-1611	837	-2882	25	65.0	71	344	
Light2	2022-04-27 23:10	4.8	5.03	20.77	8497	-379	14813	-1857	860	-2766	28.8	61.2	70	246	
Light2	2022-04-27 23:10	4.8	5.03	20.89	11501	-212	12708	-2571	814	-2287	41.5	48.5	74	237	
Light2	2022-04-27 23:10	4.8	5.03	20.89	11764	-260	12203	-2615	795	-2260	43.3	46.7	71	377	
Light2	2022-04-27 23:10	4.8	5.03	21.3	14801	-602	8562	-3287	865	-1433	59.9	30.1	73	570	
Light2	2022-04-27 23:10	4.8	5.03	21.3	14757	-651	8691	-3308	849	-1425	59.5	30.5	75	312	
Light2	2022-04-27 23:10	4.8	5.03	21.56	16724	-225	3601	-3847	713	-244	78.8	11.2	81	569	
Light2	2022-04-27 23:10	4.8	5.03	21.56	16586	-69	3460	-3855	693	-224	79.2	10.8	82	426	
Light2	2022-04-27 23:10	4.8	5.03	21.5	4254	574	16520	-1172	746	-3076	13.3	76.7	87	267	
Light2	2022-04-27 23:10	4.8	5.03	21.5	4162	667	16422	-1182	75						

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration	
			Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz				
Light2	2022-04-27 23:10	4.8	5.03	20.95	7857	-3	15222	-1923	834	-2739	26.3	63.7	83	147
Light2	2022-04-27 23:10	4.8	5.03	20.97	9358	-395	14161	-2177	910	-2552	32.5	57.5	78	367
Light2	2022-04-27 23:10	4.8	5.03	20.97	10566	-628	13461	-2518	974	-2258	37.3	52.7	84	212
Light2	2022-04-27 23:10	4.8	5.03	20.97	10725	-1184	13253	-2552	987	-2216	38.1	51.9	83	252
Light2	2022-04-27 23:10	4.8	5.03	21.26	11259	-1014	12755	-2634	1012	-2136	40.7	49.3	81	347
Light2	2022-04-27 23:10	4.8	5.03	21.26	13819	-920	10232	-3195	949	-1514	53.1	36.9	83	162
Light2	2022-04-27 23:10	4.8	5.03	21.4	13925	-963	9957	-3186	961	-1517	54.1	35.9	80	267
Light2	2022-04-27 23:10	4.8	5.03	21.4	13758	-927	10267	-3203	936	-1509	52.9	37.1	84	153
Light2	2022-04-27 23:10	4.8	5.03	21.4	15845	-100	6189	-3690	762	-669	69.1	20.9	84	213
Light2	2022-04-27 23:10	4.5	5.03	21.58	15916	-247	6850	-3680	749	-713	67	23.0	86	149
Light2	2022-04-27 23:10	4.5	5.03	21.58	16715	150	2871	-3916	687	131	81.3	8.7	87	300
Light2	2022-04-27 23:10	4.5	5.03	21.59	283	512	17286	-685	774	-3177	-0.3	90.3	104	180
Light2	2022-04-27 23:10	4.5	5.03	21.69	882	-252	17154	-815	909	-3108	1.7	88.3	105	431
Light2	2022-04-27 23:10	4.5	5.03	21.69	5844	-250	16285	-162	863	-2762	18.6	71.4	104	359
Light2	2022-04-27 23:10	4.5	5.03	21.19	7559	-231	15046	-2140	847	-2603	25.6	64.4	97	536
Light2	2022-04-27 23:10	4.5	5.03	21.01	10966	-214	12895	-2857	838	-2004	39.6	50.4	96	553
Light2	2022-04-27 23:10	4.5	5.03	21.01	11039	-481	12818	-2849	869	-1995	40	50.0	95	205
Light2	2022-04-27 23:11	4.5	5.03	21.01	11068	-347	13011	-2882	828	-1998	39.6	50.4	98	433
Light2	2022-04-27 23:11	4.5	5.03	21.35	11364	-279	13082	-2900	837	-1973	40.2	49.8	97	583
Light2	2022-04-27 23:11	4.5	5.03	21.35	11535	-309	12846	-2972	840	-1884	41.2	48.8	99	266
Light2	2022-04-27 23:11	4.5	5.03	21.43	13780	-204	10047	-3448	755	-1250	53.7	36.3	96	379
Light2	2022-04-27 23:11	4.5	5.03	21.56	15746	-326	6468	-3783	724	-445	68.1	21.9	90	591
Light2	2022-04-27 23:11	4.5	5.03	21.65	16388	486	3892	-3961	595	165	77.4	12.6	89	446
Light2	2022-04-27 23:11	4.5	5.03	21.65	16194	59	3079	-3922	592	-62	80.3	9.7	85	423
Light2	2022-04-27 23:11	4.1	5.03	21.61	1690	100	16986	-1193	794	-3066	4.5	85.5	116	434
Light2	2022-04-27 23:11	4.5	5.03	21.61	6455	-446	15762	-2177	839	-2586	21.2	68.8	114	593
Light2	2022-04-27 23:11	4.5	5.03	21.37	6894	-426	15538	-2205	825	-2571	22.8	67.2	111	461
Light2	2022-04-27 23:11	4.5	5.03	21.37	10078	-98	13639	-2774	716	-2153	35.6	54.4	104	465
Light2	2022-04-27 23:11	4.1	5.03	21.37	10210	-537	13943	-2907	790	-1995	35.3	54.7	112	249
Light2	2022-04-27 23:11	4.1	5.03	21.25	12064	-392	11916	-3186	790	-1640	44.8	45.2	102	327
Light2	2022-04-27 23:11	4.1	5.03	21.25	12902	-650	11285	-3380	784	-1354	48.3	41.7	104	326
Light2	2022-04-27 23:11	4.1	5.03	21.25	12938	-535	11096	-3390	796	-1318	48.9	41.1	103	596
Light2	2022-04-27 23:11	4.1	5.03	21.5	14629	-534	8295	-3719	756	-594	60.5	29.5	98	301
Light2	2022-04-27 23:11	4.1	5.03	21.5	15019	-426	7940	-3737	736	-586	62.3	27.7	96	198
Light2	2022-04-27 23:11	4.1	5.03	21.5	15967	-295	5784	-3854	691	-221	70.6	19.4	90	420
Light2	2022-04-27 23:11	4.1	5.03	21.5	16307	-370	4944	-3906	724	164	73.8	16.2	90	413
Light2	2022-04-27 23:11	4.1	5.03	21.64	16247	-469	5021	-3914	716	153	73.5	16.5	90	575
Light2	2022-04-27 23:11	4.1	5.03	21.64	16842	-334	2392	-3948	677	730	83	7.0	90	260
Light2	2022-04-27 23:11	4.1	5.03	21.64	16701	-330	2845	-3958	676	681	81.4	8.6	90	368
Light2	2022-04-27 23:11	4.1	5.03	21.71	2700	753	17592	-1715	488	-2956	7.8	82.2	133	279
Light2	2022-04-27 23:11	4.1	5.03	21.71	2560	1150	16790	-1632	420	-3016	7.5	82.5	131	273
Light2	2022-04-27 23:11	4.1	5.03	21.71	2867	1005	16840	-1663	446	-2999	8.4	81.6	130	367
Light2	2022-04-27 23:11	4.1	5.03	21.71	7192	-113	14807	-2373	509	-2575	24.9	65.1	120	451
Light2	2022-04-27 23:11	4.1	5.03	21.54	8412	77	14841	-2746	572	-2254	28.5	61.5	125	240
Light2	2022-04-27 23:11	4.1	5.03	21.54	8444	-336	14865	-2733	632	-2227	28.6	61.4	125	215
Light2	2022-04-27 23:11	4.1	5.03	21.23	11349	-742	12676	-3255	701	-1618	41.1	48.9	117	302
Light2	2022-04-27 23:11	4.1	5.03	21.23	11131	-872	12845	-3233	716	-1622	40.2	49.8	119	386
Light2	2022-04-27 23:11	4.1	5.03	21.23	11597	-1050	12646	-3267	753	-1557	41.8	48.2	116	258
Light2	2022-04-27 23:11	4.1	5.03	21.37	13584	-1165	10325	-3588	749	-971	52.3	37.7	108	333
Light2	2022-04-27 23:11	4.1	5.03	21.37	13519	-971	10255	-3580	755	-968	52.5	37.5	107	383
Light2	2022-04-27 23:11	4.1	5.03	21.51	14032	-1099	10051	-3642	708	-915	54	36.0	108	335
Light2	2022-04-27 23:11	4.1	5.03	21.51	14013	-195	10199	-3697	627	-816	53.7	36.3	109	532
Light2	2022-04-27 23:11	4.1	5.03	21.51	15259	161	7531	-3937	463	-245	63.9	26.1	101	411
Light2	2022-04-27 23:11	4.1	5.03	21.55	15284	86	8105	-3929	467	-300	62.1	27.9	103	206
Light2	2022-04-27 23:12	4.1	5.03	21.55	15184	413	8214	-3923	427	-341	61.6	28.4	104	418
Light2	2022-04-27 23:12	4.1	5.03	21.55	15238	331	7487	-3941	418	-290	64	26.0	102	270
Light2	2022-04-27 23:12	4.1	5.03	21.55	15692	-291	5314	-3995	499	221	72	18.0	93	532
Light2	2022-04-27 23:12	3.8	5.03	21.55	16490	306	4239	-4045	425	541	76.3	13.7	90	372
Light2	2022-04-27 23:12	3.8	5.03	21.61	16558	154	4777	-4044	427	468	74.6	15.4	91	348
Light2	2022-04-27 23:12	3.8	5.01	21.61	16548	129	4978	-4026	445	384	73.9	16.1	92	245
Light2	2022-04-27 23:12	3.8	5.03	21.67	2683	12	16498	-1769	474	-2948	8	82.0	141	582
Light2	2022-04-27 23:12	3.8	5.03	21.72	3216	54	16613	-1889	444	-2899	9.8	80.2	142	424
Light2	2022-04-27 23:12	3.8	5.03	21.72	7951	-61	14933	-2863	412	-2215	27	63.0	140	553
Light2	2022-04-27 23:12	3.8	5.03	21.72	8714	-402	14863	-2955	483	-2094	29.4	60.6	138	471
Light2	2022-04-27 23:12	3.8	5.03	21.44	10548	-634	13319	-3171	513	-1831	37.6	52.4	129	598
Light2	2022-04-27 23:12	3.8	5.03	21.44	11643	-744	11885	-3504	507	-1352	43.8	46.2	129	389
Light2	2022-04-27 23:12	3.8	5.03	21.44	11999	-868	12269	-3515	524	-1309	43.7	46.3	130	248
Light2	2022-04-27 23:12	3.8	5.03	21.35	14245	-667	9569	-3864	456	-553	55.9	34.1	116	297
Light2	2022-04-27 23:12	3.8	5.03	21.35	14201	-787	9189	-3885	448	-503	57	33.0	116	349
Light2	2022-04-27 23:12	3.8	5.03	21.5	14329	-521	9208	-3872	436	-549	57.2	32.8	114	529
Light2	2022-04-27 23:12	3.8	5.03	21.5	14365	-315	9227	-3898	407	-505	57.2	32.8	115	456
Light2	2022-04-27 23:12	3.8	5.03	21.5	14306	-480	8692	-3926	394	-454	58.7	31.3	114	361
Light2	2022-04-27 23:12	3.8	5.03	21.5	14706	-159	8865	-3954	338	-357	58.9	31.1	115	333
Light2	2022-04-27 23:12	3.8	5.03	21.5	15802	172	6037	-4062	299	206	69.6	20.4	98	308
Light2	2022-04-27 23:12	3.8	5.03	21.54	15950	399	5945	-4105	212	321	70	20.0	97	530
Light2	2022-04-27 23:12	3.8	5.03	21.54	16083	328	5893	-4100	239	349	70.3	19.7	96	194
Light2	2022-04-27 23:12	3.8	5.03	21.54	16028	327	6069	-4096	223	351	69.7	20.3	97	468
Light2	2022-04-27 23:12	3.8	5.03	21.54	15876	319	5904	-4101	213	323	70.1	19.9	98	529
Light2	2022-04-27 23:12	3.8	5.03	21.63	15995	352	5784	-4107	191	344	70.6	19.4	97	399
Light2	2022-04-27 23:12	3.8	5.03	21.63	16673	-2	3326	-4075	260	995	79.7	10.3	89	378
Light2	2022-04-27 23:12	3.5	5.03	21.8	1556	-838	17258	-1777	281	-2993	4	86.0	166	266
Light2	2022-04-27 23:12	3.8	5.03	21.57	2542	-943	16671	-2008	300	-2875	7.5	82.5	166	590
Light2	2022-04-27 23:12	3.8	5.03	21.57	6053	-941	15844	-2706	260	-2405				

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-04-27 23:12	3.5	5.03	21.12	9766	-435	13355	-3403	156	-1675	35.4	54.6	161	419	
Light2	2022-04-27 23:12	3.5	5.03	21.12	11002	-1132	12904	-3548	212	-1430	39.7	50.3	163	447	
Light2	2022-04-27 23:12	3.5	5.03	21.23	11350	-881	12911	-3605	199	-1347	40.6	49.4	160	303	
Light2	2022-04-27 23:12	3.5	5.03	21.23	13607	-1265	10333	-3900	197	-687	52.3	37.7	152	506	
Light2	2022-04-27 23:12	3.5	5.03	21.23	13595	-1126	10384	-3913	187	-631	52.2	37.8	150	442	
Light2	2022-04-27 23:12	3.5	5.03	21.39	14936	-977	8396	-4071	139	-89	60.6	29.4	134	296	
Light2	2022-04-27 23:13	3.5	5.03	21.39	14973	-911	7928	-4078	137	-36	62.1	27.9	129	384	
Light2	2022-04-27 23:13	3.5	5.03	21.51	16505	-262	4674	-4164	-11	823	74.9	15.1	76	173	
Light2	2022-04-27 23:13	3.5	5.03	21.51	16319	-86	4316	-4169	-41	860	76	14.0	72	447	
Light2	2022-04-27 23:13	3.5	5.03	21.51	17027	73	1440	-4073	-112	1513	86.5	3.5	197	575	
Light2	2022-04-27 23:13	3.5	5.03	21.65	16953	271	1043	-4030	-106	1681	87.6	2.4	240	402	
Light2	2022-04-27 23:13	3.5	5.03	21.65	16841	87	1815	-4072	-119	1535	85.1	4.9	195	314	
Light2	2022-04-27 23:13	3.5	5.03	21.63	643	-283	17089	-1779	-189	-3061	0.9	89.1	184	499	
Light2	2022-04-27 23:13	3.5	5.03	21.63	936	-753	16871	-1778	-69	-3049	1.9	88.1	183	477	
Light2	2022-04-27 23:13	3.5	5.03	21.63	2453	-352	16558	-2072	-170	-2921	7.2	82.8	185	485	
Light2	2022-04-27 23:13	3.5	5.03	21.92	2697	-237	17317	-2123	-158	-2892	7.8	82.2	183	485	
Light2	2022-04-27 23:13	3.5	5.03	21.92	2724	179	17181	-2133	-198	-2882	7.9	82.1	180	383	
Light2	2022-04-27 23:13	3.5	5.03	21.92	7646	88	15684	-3133	-189	-2116	24.9	65.1	181	405	
Light2	2022-04-27 23:13	3.5	5.03	21.92	7947	-807	14792	-3182	-184	-2057	27.2	62.8	191	575	
Light2	2022-04-27 23:13	3.5	5.03	21.4	8840	-1545	14581	-3278	-96	-1932	30.2	59.8	194	432	
Light2	2022-04-27 23:13	3.5	5.03	21.22	11216	-1441	12440	-3726	-82	-1254	41.2	48.8	193	445	
Light2	2022-04-27 23:13	3.5	5.01	21.22	11715	-700	12862	-3722	-69	-1242	41.6	48.4	181	532	
Light2	2022-04-27 23:13	3.2	5.03	21.32	14204	-616	9706	-4098	-244	-362	55.4	34.6	206	488	
Light2	2022-04-27 23:13	3.2	5.03	21.44	14351	-230	9434	-4117	-320	-292	56.5	33.5	214	408	
Light2	2022-04-27 23:13	3.2	5.03	21.6	16003	40	5607	-4248	-484	661	71.3	18.7	272	531	
Light2	2022-04-27 23:13	3.2	5.03	21.6	15953	141	5321	-4243	-483	650	72.2	17.8	271	329	
Light2	2022-04-27 23:13	3.2	5.03	21.6	15809	-306	5187	-4246	-477	647	72.5	17.5	272	510	
Light2	2022-04-27 23:13	3.2	5.03	21.6	1574	20490	17672	-11563	4582	330	3.1	86.9	60	834	
Light2	2022-04-27 23:13	3.2	5.03	21.64	16838	-135	2602	-4169	-417	1389	82.4	7.6	250	570	
Light2	2022-04-27 23:13	3.2	5.03	21.64	1347	58	17207	-1884	-522	-3018	3.3	86.7	197	588	
Light2	2022-04-27 23:13	3.2	5.03	21.64	3254	71	16624	-2205	-552	-2850	9.9	80.1	200	589	
Light2	2022-04-27 23:13	3.2	5.03	22.09	5389	418	16404	-2743	-600	-2501	17	73.0	199	228	
Light2	2022-04-27 23:13	3.2	5.03	21.96	8291	-244	14639	-3189	-656	-2091	28.5	61.5	215	547	
Light2	2022-04-27 23:13	3.2	5.03	21.96	10189	-338	13611	-3531	-549	-1662	36	54.0	213	309	
Light2	2022-04-27 23:13	3.2	5.03	21.65	10539	-719	13308	-3601	-494	-1552	37.6	52.4	214	253	
Light2	2022-04-27 23:14	3.2	5.03	21.65	11542	-682	12798	-3715	-504	-1388	41.3	48.7	218	554	
Light2	2022-04-27 23:14	3.2	5.03	21.65	12616	-271	11458	-3938	-531	-895	47.3	42.7	222	514	
Light2	2022-04-27 23:14	3.2	5.03	21.39	13232	-581	10888	-3992	-509	-777	50.1	39.9	227	214	
Light2	2022-04-27 23:14	3.2	5.03	21.39	14314	-980	9686	-4071	-538	-524	55.6	34.4	241	497	
Light2	2022-04-27 23:14	3.2	5.03	21.39	14897	-851	8445	-4187	-561	-113	60.4	29.6	249	237	
Light2	2022-04-27 23:14	3.2	5.03	21.39	14998	-811	8178	-4204	-518	-6	61.4	28.6	249	509	
Light2	2022-04-27 23:14	2.9	5.03	21.5	16545	-661	4571	-4243	-624	901	75.2	14.8	275	532	
Light2	2022-04-27 23:14	2.9	5.03	21.5	16458	-419	3435	-4229	-606	1114	79.2	10.8	269	481	
Light2	2022-04-27 23:14	2.9	5.03	21.5	16547	-422	3421	-4203	-575	1205	79.3	10.7	267	391	
Light2	2022-04-27 23:14	2.9	5.03	21.64	17044	-215	1298	-4114	-699	1669	86.9	3.1	226	572	
Light2	2022-04-27 23:14	2.9	5.03	21.64	16772	-237	1810	-4143	-660	1563	85.1	4.9	239	261	
Light2	2022-04-27 23:14	2.9	5.03	22.03	1013	-1149	16292	-1621	-584	-3123	2.3	87.7	214	310	
Light2	2022-04-27 23:14	2.9	5.03	22.03	4679	-703	16715	-2478	-683	-2682	14.5	75.5	214	375	
Light2	2022-04-27 23:14	2.9	5.03	22.03	4837	-724	16762	-2534	-674	-2654	14.9	75.1	213	500	
Light2	2022-04-27 23:14	2.9	5.03	22.03	8101	-325	14083	-3074	-727	-2198	29	61.0	223	359	
Light2	2022-04-27 23:14	2.9	5.03	22.03	9331	-609	14575	-3345	-778	-1907	31.7	58.3	225	289	
Light2	2022-04-27 23:14	2.9	5.03	22.03	9610	-461	14079	-3375	-792	-1872	33.4	56.6	226	552	
Light2	2022-04-27 23:14	2.9	5.03	22.31	10042	-499	13758	-3431	-784	-1810	35.3	54.7	228	447	
Light2	2022-04-27 23:14	2.9	5.01	22.31	10031	-391	13852	-3482	-822	-1718	35	55.0	227	403	
Light2	2022-04-27 23:14	2.9	5.03	22.31	10480	-324	13282	-3518	-861	-1665	37.5	52.5	232	587	
Light2	2022-04-27 23:14	2.9	5.03	21.61	11471	-156	12097	-3631	-861	-1502	42.9	47.1	237	240	
Light2	2022-04-27 23:14	2.9	5.03	21.61	12454	-405	11910	-3849	-848	-1129	45.7	44.3	239	234	
Light2	2022-04-27 23:14	2.9	5.03	21.61	12961	-531	11293	-3947	-845	-923	48.5	41.5	243	445	
Light2	2022-04-27 23:14	2.9	5.03	21.45	13438	-380	10708	-3993	-822	-808	51.1	38.9	245	387	
Light2	2022-04-27 23:14	2.9	5.03	21.45	15247	-44	8144	-4199	-937	-46	62	28.0	261	186	
Light2	2022-04-27 23:14	2.5	5.03	21.49	15350	76	7515	-4218	-972	57	64.1	25.9	264	557	
Light2	2022-04-27 23:14	2.5	5.03	21.49	16206	50	4329	-4253	-1008	779	75.9	14.1	270	276	
Light2	2022-04-27 23:14	2.5	5.03	21.57	16896	-121	4248	-4243	-991	874	76.7	13.3	270	503	
Light2	2022-04-27 23:14	2.5	5.03	21.57	16643	-5	3671	-4248	-981	961	78.5	11.5	269	539	
Light2	2022-04-27 23:14	2.5	5.01	21.57	16959	504	1113	-4151	-1018	1488	86.9	3.1	268	550	
Light2	2022-04-27 23:14	2.5	5.03	21.67	16504	-171	2894	-4209	-1063	1187	81.2	8.8	264	389	
Light2	2022-04-27 23:14	2.5	5.03	22.12	-576	227	17362	-1137	-1199	-3146	-3.2	93.2	229	478	
Light2	2022-04-27 23:14	2.5	5.01	22.12	4920	443	16473	-2244	-1252	-2732	15.5	74.5	235	380	
Light2	2022-04-27 23:15	2.5	5.03	22.12	5574	444	16195	-2376	-1255	-2653	17.8	72.2	236	356	
Light2	2022-04-27 23:15	2.5	5.03	22.12	9947	-12	14264	-3167	-1255	-2030	34	56.0	247	594	
Light2	2022-04-27 23:15	2.5	5.03	22.45	10648	-592	13066	-3311	-1197	-1877	38.4	51.6	251	331	
Light2	2022-04-27 23:15	2.5	5.03	22.45	10953	-264	12807	-3389	-1244	-1772	39.8	50.2	251	530	
Light2	2022-04-27 23:15	2.5	5.03	22.45	12494	-174	11786	-3597	-1255	-1488	46.1	43.9	256	421	
Light2	2022-04-27 23:15	2.5	5.03	21.53	12760	328	11216	-3687	-1277	-1334	48.2	41.8	256	552	
Light2	2022-04-27 23:15	2.5	5.03	21.53	13006	-45	11322	-3751	-1199	-1241	48.5	41.5	254	535	
Light2	2022-04-27 23:15	2.5	5.03	21.53	13130	-286	10457	-3790	-1209	-1179	51.1	38.9	258	513	
Light2	2022-04-27 23:15	2.5	5.03	21.4	13191	-142	10827	-3798	-1205	-1150	50.2	39.8	256	339	
Light2	2022-04-27 23:15	2.5	5.03	21.44	15299	471	7722	-4082	-1386	-343	63.3	26.7	268	497	
Light2	2022-04-27 23:15	2.5	5.03	21.44	15781	473	6234	-4163	-1407	23	68.8	21.2	271	555	
Light2	2022-04-27 23:15	2.5	5.03	21.44	16485	288	4437	-4215	-1384	438	75.7	14.3	271	570	
Light2	2022-04-27 23:15	2.5	5.03	21.53	16497	435	4247	-4216	-1376	525	76.3	13.7	271	591	
Light2	2022-04-27 23:15	2.5	5.03	21.53	16503	524	3068	-4207	-1405	805	80.3	9.7	271	375	
Light2	2022-04-27 23:1														

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration	
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz				
Light2	2022-04-27 23:15	2.2	5.03	22.33	7710	416	15591	-2424	-1472	-2562	25.2	64.8	256	586
Light2	2022-04-27 23:15	2.2	5.03	22.33	7975	529	14675	-2486	-1483	-2529	27.5	62.5	259	378
Light2	2022-04-27 23:15	2.2	5.03	21.28	12335	1108	11425	-3334	-1628	-1708	46.5	43.5	268	308
Light2	2022-04-27 23:15	2.2	5.03	21.28	13242	926	10296	-3458	-1604	-1549	51.7	38.3	272	327
Light2	2022-04-27 23:15	2.2	5.03	21.28	14594	598	8903	-3736	-1614	-1104	58.5	31.5	273	271
Light2	2022-04-27 23:15	2.2	5.03	21.32	14311	721	9046	-3729	-1623	-1096	57.5	32.5	271	547
Light2	2022-04-27 23:15	2.2	5.03	21.32	14819	523	8985	-3735	-1622	-1090	58.6	31.4	273	567
Light2	2022-04-27 23:15	2.2	5.03	21.4	16014	667	5589	-4051	-1605	-258	71.1	18.9	276	431
Light2	2022-04-27 23:15	2.2	5.03	21.4	15862	736	6692	-4081	-1569	-190	67.3	22.7	272	354
Light2	2022-04-27 23:15	2.2	5.03	21.57	16384	573	2682	-4172	-1577	433	81.5	8.5	276	360
Light2	2022-04-27 23:15	2.2	5.03	21.57	16667	632	2997	-4159	-1597	325	80.5	9.5	277	372
Light2	2022-04-27 23:16	2.2	5.03	21.63	3452	-869	16708	-889	-1178	-3191	10.5	79.5	278	466
Light2	2022-04-27 23:16	2.2	5.03	21.63	3274	-643	16488	-953	-1185	-3173	10	80.0	274	519
Light2	2022-04-27 23:16	2.2	5.03	21.63	6460	-473	15871	-1780	-1246	-2956	21	69.0	269	524
Light2	2022-04-27 23:16	1.9	5.03	21.63	6817	45	15492	-1857	-1308	-2910	22.7	67.3	271	526
Light2	2022-04-27 23:16	1.9	5.03	22.18	7218	-179	15540	-1949	-1289	-2876	23.8	66.2	271	454
Light2	2022-04-27 23:16	2.2	5.03	21.37	10645	499	13232	-2745	-1454	-2354	38	52.0	273	409
Light2	2022-04-27 23:16	2.2	5.03	21.37	10303	570	13814	-2661	-1429	-2425	35.8	54.2	272	517
Light2	2022-04-27 23:16	1.9	5.03	21.1	10883	101	12817	-2818	-1306	-2347	39.6	50.4	274	279
Light2	2022-04-27 23:16	1.9	5.03	21.16	12345	-112	11366	-3043	-1348	-2121	46.9	43.1	280	409
Light2	2022-04-27 23:16	1.9	5.03	21.16	13870	292	9953	-3309	-1429	-1811	54.1	35.9	283	461
Light2	2022-04-27 23:16	1.9	5.03	21.16	14418	111	9213	-3563	-1459	-1474	57.3	32.7	277	358
Light2	2022-04-27 23:16	1.9	5.03	21.26	15101	520	7335	-3658	-1454	-1329	64.2	25.8	285	578
Light2	2022-04-27 23:16	1.9	5.03	21.26	16128	397	4087	-4034	-1517	-462	76.6	13.4	283	587
Light2	2022-04-27 23:16	1.9	5.03	21.48	16076	290	5504	-3986	-1484	-632	71.6	18.4	280	472
Light2	2022-04-27 23:16	1.9	5.03	21.48	16278	41	4847	-4040	-1466	-463	74.1	15.9	279	396
Light2	2022-04-27 23:16	1.9	5.03	21.6	17023	78	468	-4196	-1515	414	89.6	0.4	352	326
Light2	2022-04-27 23:16	1.9	5.03	21.6	16493	936	1840	-4158	-1581	160	83.8	6.2	291	595
Light2	2022-04-27 23:16	1.9	5.03	21.6	16821	616	3033	-4074	-1594	-254	80.5	9.5	286	436
Light2	2022-04-27 23:16	1.9	5.03	21.71	2032	402	16886	-540	-1257	-3181	5.7	84.3	282	479
Light2	2022-04-27 23:16	1.9	5.03	21.71	2521	229	16747	-569	-1210	-3209	7.4	82.6	286	180
Light2	2022-04-27 23:16	1.9	4.59	21.71	1580	20490	17672	22705	4596	322	3.1	86.9	122	-28484
Light2	2022-04-27 23:16	1.9	5.03	21.71	5061	791	16163	-1191	-1326	-3106	16.2	73.8	283	376
Light2	2022-04-27 23:16	1.9	5.03	21.71	6198	-135	16454	-1501	-1192	-3064	19.5	70.5	277	577
Light2	2022-04-27 23:16	1.9	5.03	22.46	8899	-385	14951	-1960	-1131	-2921	29.8	60.2	287	528
Light2	2022-04-27 23:16	1.9	5.03	21.17	8890	725	14433	-2084	-1389	-2783	30.6	59.4	286	353
Light2	2022-04-27 23:16	1.9	5.03	21.1	11316	902	12360	-2572	-1423	-2487	41.7	48.3	292	359
Light2	2022-04-27 23:16	1.6	5.03	21.1	12958	398	10926	-3019	-1320	-2155	49.4	40.6	288	439
Light2	2022-04-27 23:17	1.6	5.03	21.13	13528	771	10012	-3155	-1373	-2005	53.1	36.9	291	450
Light2	2022-04-27 23:17	1.6	5.03	21.13	15291	557	7525	-3601	-1434	-1422	63.9	26.1	288	446
Light2	2022-04-27 23:17	1.6	5.03	21.31	15328	294	8194	-3610	-1429	-1407	61.9	28.1	283	381
Light2	2022-04-27 23:17	1.6	5.03	21.31	16696	423	3559	-4053	-1430	-445	78.8	11.2	285	255
Light2	2022-04-27 23:17	1.6	5.03	21.56	16701	456	-236	-4192	-1398	198	87	3.0	84	440
Light2	2022-04-27 23:17	1.6	5.03	21.56	1472	-446	17182	-56	-776	-3277	3.7	86.3	309	290
Light2	2022-04-27 23:17	1.6	5.03	22.24	6690	-324	15919	-1286	-823	-3196	21.7	68.3	300	596
Light2	2022-04-27 23:17	1.6	5.03	22.24	6484	124	15430	-1197	-881	-3196	21.7	68.3	306	460
Light2	2022-04-27 23:17	1.6	5.03	22.24	9322	-604	14589	-1669	-923	-3056	31.6	58.4	306	387
Light2	2022-04-27 23:17	1.6	5.03	21.64	10155	263	13646	-2106	-949	-2880	35.8	54.2	307	554
Light2	2022-04-27 23:17	1.6	5.03	21.64	10725	-213	13868	-2157	-941	-2855	36.9	53.1	304	378
Light2	2022-04-27 23:17	1.6	5.03	21.26	12932	450	11214	-2814	-1081	-2390	48.6	41.4	303	489
Light2	2022-04-27 23:17	1.6	5.03	21.26	13129	186	10974	-2843	-1071	-2371	49.7	40.3	302	250
Light2	2022-04-27 23:17	1.6	5.03	21.25	14340	118	9276	-3174	-1053	-2071	57	33.0	301	191
Light2	2022-04-27 23:17	1.6	5.03	21.25	1582	20490	17416	2749	4504	320	3.1	86.9	122	412
Light2	2022-04-27 23:17	1.6	5.03	21.25	15076	367	8016	-3409	-1116	-1792	62.1	27.9	300	486
Light2	2022-04-27 23:17	1.6	5.03	21.46	16668	702	2746	-3990	-1252	-727	81.3	8.7	306	487
Light2	2022-04-27 23:17	1.6	5.03	21.46	16982	521	3438	-3983	-1208	-749	79.3	10.7	297	200
Light2	2022-04-27 23:17	1.2	5.03	21.64	933	548	16818	399	-583	-3221	2	88.0	341	324
Light2	2022-04-27 23:17	1.2	5.03	21.64	1296	1030	16996	244	-697	-3231	3.2	86.8	338	543
Light2	2022-04-27 23:17	1.2	5.03	21.64	1634	1358	17271	229	-711	-3234	4.3	85.7	342	377
Light2	2022-04-27 23:17	1.6	5.03	22.13	7527	725	15587	-1231	-688	-3211	24.7	65.3	330	596
Light2	2022-04-27 23:17	1.6	5.03	21.25	11367	1026	12844	-2187	-796	-2837	40.6	49.4	334	511
Light2	2022-04-27 23:17	1.6	5.03	21.06	11658	1443	12379	-2357	-813	-2733	42.4	47.6	338	385
Light2	2022-04-27 23:17	1.2	5.03	21.06	11543	1592	11922	-2270	-924	-2777	43.1	46.9	339	579
Light2	2022-04-27 23:17	1.2	5.01	21.07	14450	1471	8972	-3015	-957	-2222	57.6	32.4	336	497
Light2	2022-04-27 23:17	1.2	5.03	21.32	14799	1066	8590	-3191	-918	-2060	59.6	30.4	326	500
Light2	2022-04-27 23:17	1.2	5.03	21.42	16736	886	3777	-3847	-915	-1112	77.7	12.3	329	510
Light2	2022-04-27 23:18	1.2	5.03	21.42	16601	1012	3424	-3879	-962	-1046	78.7	11.3	334	265
Light2	2022-04-27 23:18	1.2	5.03	21.42	16913	1050	346	-4144	-982	-324	86.2	3.8	77	365
Light2	2022-04-27 23:18	1.2	5.03	21.42	16828	674	-404	-4194	-949	-107	86.1	3.9	90	313
Light2	2022-05-25 00:25	9.9	5.03	21.5	1259	-404	17069	361	296	-3151	3	87.0	22	374
Light2	2022-05-25 00:25	9.9	5.03	21.5	1201	-266	17211	345	293	-3152	2.8	87.2	24	111
Light2	2022-05-25 00:25	9.9	5.03	21.5	4577	-331	16113	-229	250	-3226	14.7	75.3	18	395
Light2	2022-05-25 00:25	9.9	5.03	21.89	9858	-385	13762	-1604	194	-2993	34.8	55.2	16	387
Light2	2022-05-25 00:25	9.9	5.03	21.89	12709	-626	11041	-2268	245	-2630	48.6	41.4	13	508
Light2	2022-05-25 00:25	9.9	5.03	21.13	14992	-415	8118	-3044	142	-2001	61.7	28.3	14	413
Light2	2022-05-25 00:25	9.9	5.03	21.13	16502	-108	4307	-3597	68	-1230	76.2	13.8	22	563
Light2	2022-05-25 00:25	9.9	5.03	21.41	3286	46	16605	-129	523	-3187	10	80.0	39	498
Light2	2022-05-25 00:25	9.9	5.03	21.04	8799	-38	14650	-1424	449	-3016	30	60.0	38	203
Light2	2022-05-25 00:25	9.9	5.03	21.04	11964	-350	12011	-2233	459	-2615	44.3	45.7	34	236
Light2	2022-05-25 00:25	9.9	5.03	21.04	14578	-293	8993	-2924	376	-2075	58.3	31.7	34	452
Light2	2022-05-25 00:25	9.9	5.03	21.04	15811	-88	6423	-3230	329	-1722	68.3	21.7	34	490
Light2	2022-05-25 00:25	9.9	5.03	21.37	16754	187	2896	-3718	227	-891	81.2	8.8	54	335
Light2	2022-05-25 00:25													

ID	Local Date & Time	Temperature	MSAS									Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-05-25 00:25	9.9	5.03	21.5	16456	-919	4767	-3438	532	-1293	74.3	15.7	28	557	
Light2	2022-05-25 00:25	9.9	5.03	21.4	16170	288	5058	-3529	460	-1165	73.3	16.7	62	459	
Light2	2022-05-25 00:25	9.9	5.03	21.4	16648	-20	2511	-3761	505	-563	82.6	7.4	68	273	
Light2	2022-05-25 00:25	9.9	5.03	21.4	16749	338	1515	-3851	364	-370	85.9	4.1	78	526	
Light2	2022-05-25 00:25	9.9	5.03	21.13	3133	-225	16841	-210	661	-3161	9.3	80.7	46	393	
Light2	2022-05-25 00:26	9.9	5.03	20.87	1966	507	17251	-159	743	-3138	5.4	84.6	61	271	
Light2	2022-05-25 00:26	9.9	5.03	20.87	8447	-542	14284	-1300	827	-2952	29.6	60.4	44	539	
Light2	2022-05-25 00:26	9.9	5.03	21.55	14831	1196	7367	-2910	555	-1988	63.4	26.6	55	183	
Light2	2022-05-25 00:26	9.9	5.03	21.55	16418	170	4419	-3617	668	-801	75.7	14.3	73	285	
Light2	2022-05-25 00:26	9.9	5.03	21.37	17038	-84	613	-3833	661	68	89.4	0.6	75	327	
Light2	2022-05-25 00:26	9.9	5.03	21.37	16554	111	-1004	-3863	666	398	84.7	5.3	267	257	
Light2	2022-05-25 00:26	9.9	5.03	21.37	16455	-23	-2953	-3850	682	837	77.8	12.2	271	387	
Light2	2022-05-25 00:26	9.9	5.03	21.49	2806	870	17050	-445	681	-3142	8.2	81.8	66	303	
Light2	2022-05-25 00:26	9.9	5.03	21.49	2308	1316	17157	-412	608	-3171	6.6	83.4	70	387	
Light2	2022-05-25 00:26	9.9	5.03	21.49	3809	991	16812	-637	669	-3139	11.6	78.4	66	516	
Light2	2022-05-25 00:26	9.9	5.03	21.36	7102	365	16211	-1458	762	-2911	22.5	67.5	71	275	
Light2	2022-05-25 00:26	9.9	5.03	21.36	10314	-256	13788	-2161	878	-2506	35.9	54.1	69	242	
Light2	2022-05-25 00:26	9.9	5.03	21.36	11955	312	11878	-2575	849	-2204	44.6	45.4	71	284	
Light2	2022-05-25 00:26	9.9	5.03	21.24	15886	80	6384	-3530	845	-854	68.5	21.5	80	538	
Light2	2022-05-25 00:26	9.9	5.03	21.24	16157	31	5211	-3586	809	-740	72.8	17.2	78	262	
Light2	2022-05-25 00:26	9.9	5.03	21.47	16830	1067	514	-3882	583	319	86.1	3.9	110	463	
Light2	2022-05-25 00:26	9.6	5.03	21.47	16599	751	-518	-3879	618	535	85.5	4.5	262	360	
Light2	2022-05-25 00:26	9.6	5.03	21.47	16748	702	-1498	-3867	615	840	82.6	7.4	270	322	
Light2	2022-05-25 00:26	9.6	5.03	21.53	-1215	-52	16956	123	979	-3079	-5.3	95.3	80	175	
Light2	2022-05-25 00:26	9.9	5.03	22.12	6711	-179	14976	-1398	960	-2878	23.1	66.9	68	578	
Light2	2022-05-25 00:26	9.6	5.03	21.19	6434	1	15642	-1411	954	-2876	21.3	68.7	74	420	
Light2	2022-05-25 00:26	9.6	5.01	21.19	7896	-48	15315	-1658	933	-2789	26.2	63.8	71	342	
Light2	2022-05-25 00:26	9.6	5.03	20.88	9695	-396	14020	-2110	942	-2518	33.8	56.2	73	302	
Light2	2022-05-25 00:26	9.6	5.03	20.88	10460	20	13529	-2308	923	-2394	36.9	53.1	76	382	
Light2	2022-05-25 00:27	9.6	5.03	21.1	14513	587	8339	-3336	753	-1325	60.1	29.9	81	425	
Light2	2022-05-25 00:27	9.6	5.01	21.21	15779	844	5522	-3650	680	-698	71	19.0	84	546	
Light2	2022-05-25 00:27	9.6	5.03	21.21	16152	-159	3801	-3708	764	-400	77.7	12.3	79	541	
Light2	2022-05-25 00:27	9.6	5.03	21.21	16635	577	4056	-3750	733	-245	76.9	13.1	86	577	
Light2	2022-05-25 00:27	9.6	5.03	21.44	16747	94	674	-3831	761	537	89.1	0.9	97	493	
Light2	2022-05-25 00:27	9.6	5.03	21.66	-114	-174	17428	-704	1014	-3053	-1.6	91.6	108	170	
Light2	2022-05-25 00:27	9.6	5.01	21.66	5149	-689	16306	-1693	1044	-2731	16.4	73.6	102	522	
Light2	2022-05-25 00:27	9.6	5.03	21.66	10632	-235	12932	-2676	919	-2073	38.7	51.3	91	425	
Light2	2022-05-25 00:27	9.6	5.01	21.25	12736	-534	11635	-3196	862	-1493	47.1	42.9	98	296	
Light2	2022-05-25 00:27	9.6	5.03	21.25	15488	84	7213	-3711	697	-469	65.3	24.7	93	339	
Light2	2022-05-25 00:27	9.6	5.03	21.17	15632	-536	6231	-3756	769	-189	68.7	21.3	91	465	
Light2	2022-05-25 00:27	9.6	5.03	21.17	17051	-400	1117	-3824	685	1054	87.4	2.6	90	556	
Light2	2022-05-25 00:27	9.3	5.03	21.49	16801	190	-1235	-3729	593	1627	84	6.0	284	284	
Light2	2022-05-25 00:27	9.3	5.03	21.49	2883	-220	16754	-1712	647	-2850	8.6	81.4	133	243	
Light2	2022-05-25 00:27	9.3	5.03	21.49	6717	-380	15540	-2346	672	-2457	22.3	67.7	124	305	
Light2	2022-05-25 00:27	9.3	5.03	21.49	8018	-241	15095	-2770	650	-2103	26.9	63.1	129	243	
Light2	2022-05-25 00:27	9.3	5.03	21.49	9025	-528	14314	-2911	631	-1982	31.3	58.7	128	541	
Light2	2022-05-25 00:27	9.3	5.01	20.92	11983	-726	12250	-3390	581	-1340	43.7	46.3	123	399	
Light2	2022-05-25 00:27	9.3	5.01	21.05	14582	-620	8597	-3773	535	-467	59.5	30.5	107	497	
Light2	2022-05-25 00:27	9.3	5.03	21.05	14474	-574	9306	-3783	536	-425	57.1	32.9	110	294	
Light2	2022-05-25 00:27	9.3	5.03	21.24	15501	-744	7827	-3872	538	-13	63.3	26.7	102	596	
Light2	2022-05-25 00:27	9.3	5.03	21.24	16101	-986	6224	-3920	523	328	69.1	20.9	95	238	
Light2	2022-05-25 00:27	9.3	5.01	21.42	16445	-270	3164	-3916	475	1014	80.2	9.8	91	415	
Light2	2022-05-25 00:27	9.3	5.03	21.42	16888	-446	2689	-3893	464	1104	82	8.0	93	478	
Light2	2022-05-25 00:27	9.3	5.03	21.42	16742	56	253	-3815	375	1598	89.2	0.8	282	207	
Light2	2022-05-25 00:27	9.3	5.03	21.51	4137	132	15902	-2251	654	-2551	13.4	76.6	136	585	
Light2	2022-05-25 00:27	9.3	5.03	21.51	392	-98	17086	-1445	396	-3021	0.1	89.9	151	555	
Light2	2022-05-25 00:27	9.3	5.03	21.5	5867	-365	15993	-2523	365	-2436	19	71.0	151	247	
Light2	2022-05-25 00:27	9.3	5.03	21.5	10182	-260	13494	-3271	399	-1628	36.2	53.8	139	446	
Light2	2022-05-25 00:27	9.3	5.03	21.01	13231	-1139	10967	-3692	429	-817	49.8	40.2	131	525	
Light2	2022-05-25 00:27	9.3	5.03	21.21	15330	-631	7522	-3974	232	38	64	26.0	113	257	
Light2	2022-05-25 00:27	9.3	5.03	21.21	16377	-104	3734	-4010	127	917	78.1	11.9	85	417	
Light2	2022-05-25 00:28	9.3	5.03	21.42	17023	-137	888	-3885	95	1580	88.4	1.6	117	363	
Light2	2022-05-25 00:28	9.3	5.03	21.42	4450	-119	16196	-2416	64	-2571	14.2	75.8	169	219	
Light2	2022-05-25 00:28	9.3	5.01	21.4	3667	-617	16784	-2211	117	-2695	11.1	78.9	171	543	
Light2	2022-05-25 00:28	9.3	5.03	21.4	5035	-189	16648	-2481	24	-2523	15.7	74.3	172	469	
Light2	2022-05-25 00:28	9.3	5.03	21.4	8606	68	14614	-3114	-47	-1965	29.5	60.5	171	335	
Light2	2022-05-25 00:28	9.3	5.03	21.2	12132	-34	11840	-3699	-115	-1062	45.1	44.9	176	341	
Light2	2022-05-25 00:28	9.3	5.03	21.2	12599	-273	11497	-3733	-93	-980	47.1	42.9	177	119	
Light2	2022-05-25 00:28	9.3	5.03	21.27	15392	-326	7735	-4039	-177	86	63.5	26.5	195	270	
Light2	2022-05-25 00:28	9.3	5.03	21.27	15469	-445	7461	-4053	-193	169	64.5	25.5	205	378	
Light2	2022-05-25 00:28	9.3	5.01	21.4	16278	-39	5088	-4084	-234	739	73.3	16.7	293	456	
Light2	2022-05-25 00:28	9	5.03	21.4	16731	-299	3450	-4038	-200	1119	79.3	10.7	3	111	
Light2	2022-05-25 00:28	9	5.03	21.49	16760	15	798	-3900	-257	1718	88.7	1.3	222	340	
Light2	2022-05-25 00:28	9	5.03	21.49	-121	-649	17448	-1386	-142	-3092	-1.7	91.7	187	487	
Light2	2022-05-25 00:28	9	5.03	21.49	-250	88	16657	-1381	-290	-3084	-2.1	92.1	186	303	
Light2	2022-05-25 00:28	9	5.03	22.07	2299	18952	17418	6380	4512	366	4.8	85.2	124	361	
Light2	2022-05-25 00:28	9	5.03	21.28	14023	243	9907	-3927	-604	-566	54.5	35.5	234	504	
Light2	2022-05-25 00:28	9	5.03	21.28	14120	143	9588	-3957	-617	-456	55.6	34.4	238	493	
Light2	2022-05-25 00:28	9	5.03	21.35	14770	-399	8583	-4021	-647	-198	59.9	30.1	250	488	
Light2	2022-05-25 00:28	9	5.03	21.35	16029	-708	5874	-4093	-641	370	70.3	19.7	267	340	
Light2	2022-05-25 00:28	9	5.01	21.42	16559	-114	3150	-4053	-707	1119	80.3	9.7	267	329	
Light2	2022-05-25 00:28	9	5.03	21.42	17088	376	-525	-3865	-803	1837	86.3	3.7	15	408	
Light2	2022-05-25 00:28	9	5.03	21.51	1181	-409	16689	-1534	-564	-3012	2.8	87.2	209	525	

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration		
			Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-05-25 00:28		9	5.03	21.99	16157	263	5334	-4049	-1088	311	72.3	17.7	269	291
Light2	2022-05-25 00:28		9	5.03	21.99	16684	755	2297	-4020	-1139	1030	82.8	7.2	270	362
Light2	2022-05-25 00:28		8.7	5.03	21.99	16940	117	1491	-3987	-1128	1253	86.3	3.7	263	428
Light2	2022-05-25 00:28		8.7	5.03	21.5	16860	733	349	-3927	-1159	1516	87.3	2.7	295	295
Light2	2022-05-25 00:28		8.7	5.03	21.5	-1365	-247	16896	-881	-806	-3126	-5.9	95.9	222	311
Light2	2022-05-25 00:28		9	5.03	21.5	5682	-617	16122	-2235	-845	-2656	18.3	71.7	233	248
Light2	2022-05-25 00:28		9	5.03	21.5	9257	-1115	14010	-2834	-864	-2219	32.5	57.5	248	256
Light2	2022-05-25 00:28		9	5.01	21.5	10819	-371	13209	-3166	-970	-1867	38.5	51.5	247	237
Light2	2022-05-25 00:29		9	5.03	22.46	10812	-400	13570	-3220	-1017	-1794	37.7	52.3	245	577
Light2	2022-05-25 00:29		8.7	5.03	22.46	14242	-29	9189	-3741	-1106	-896	57.1	32.9	262	586
Light2	2022-05-25 00:29		8.7	5.03	22.46	13877	-258	10392	-3718	-1081	-972	52.9	37.1	257	343
Light2	2022-05-25 00:29		8.7	5.03	21.37	15856	566	6490	-3962	-1312	-77	68	22.0	270	381
Light2	2022-05-25 00:29		8.7	5.03	21.42	16137	683	5376	-3990	-1316	66	72	18.0	272	253
Light2	2022-05-25 00:29		8.7	5.03	21.42	16266	468	5162	-4014	-1267	137	72.9	17.1	271	551
Light2	2022-05-25 00:29		8.7	5.01	21.42	16783	608	765	-3996	-1296	1094	87.4	2.6	284	184
Light2	2022-05-25 00:29		8.7	5.03	21.5	-1747	-1304	16843	-437	-846	-3129	-7.2	97.2	246	570
Light2	2022-05-25 00:29		8.7	5.03	21.5	4236	-14	16538	-1646	-1138	-2856	13.2	76.8	250	357
Light2	2022-05-25 00:29		8.7	5.03	21.5	8126	289	15015	-2333	-1197	-2500	27.4	62.6	259	311
Light2	2022-05-25 00:29		8.7	5.01	21.5	9909	136	14217	-2725	-1223	-2210	34	56.0	259	337
Light2	2022-05-25 00:29		8.7	5.03	22.37	13191	235	10798	-3356	-1240	-1540	50.3	39.7	267	295
Light2	2022-05-25 00:29		8.7	5.03	22.37	15024	163	8661	-3670	-1302	-974	60	30.0	270	188
Light2	2022-05-25 00:29		8.7	5.03	21.37	15909	352	5482	-3833	-1370	-511	71.5	18.5	278	221
Light2	2022-05-25 00:29		8.7	5.03	21.37	16471	667	3939	-3970	-1379	47	77.2	12.8	276	362
Light2	2022-05-25 00:29		8.7	5.03	21.37	16629	926	1007	-3987	-1447	611	86	4.0	296	423
Light2	2022-05-25 00:29		8.3	5.03	21.37	340	1623	17301	-473	-1398	-2933	-0.1	90.1	267	443
Light2	2022-05-25 00:29		8.3	5.03	21.37	1114	975	17355	-622	-1235	-3008	2.5	87.5	267	373
Light2	2022-05-25 00:29		8.3	5.03	21.37	5999	393	15828	-1655	-1158	-2838	19.6	70.4	270	321
Light2	2022-05-25 00:29		8.3	5.01	21.95	9726	-87	14098	-2372	-1167	-2499	33.7	56.3	276	504
Light2	2022-05-25 00:29		8.3	5.03	21.95	12860	314	10892	-2900	-1264	-2051	49.3	40.7	288	370
Light2	2022-05-25 00:29		8.3	5.03	21.95	13702	-54	10444	-3222	-1221	-1723	52.4	37.6	278	408
Light2	2022-05-25 00:29		8.3	5.03	21.31	14912	-437	8312	-3488	-1190	-1360	60.9	29.1	280	413
Light2	2022-05-25 00:29		8.3	5.03	21.31	16285	365	4709	-3786	-1218	-753	74.5	15.5	286	520
Light2	2022-05-25 00:29		8.3	5.03	21.31	16272	212	5242	-3838	-1271	-587	72.7	17.3	279	545
Light2	2022-05-25 00:29		8.3	5.03	21.31	16754	644	1726	-3976	-1381	114	84.8	5.2	288	576
Light2	2022-05-25 00:29		8.3	5.01	21.47	16654	679	-337	-4013	-1354	560	86.2	3.8	77	411
Light2	2022-05-25 00:29		8.3	5.03	21.47	16489	856	-3137	-3967	-1395	1098	76.9	13.1	84	280
Light2	2022-05-25 00:29		8.3	5.03	21.47	-940	-3	17280	15	-1075	-3019	-4.4	94.4	280	368
Light2	2022-05-25 00:29		8.3	5.03	21.85	1888	317	16506	-393	-968	-3090	5.3	84.7	294	280
Light2	2022-05-25 00:29		8.3	5.03	21.85	4130	-23	16792	-924	-1050	-3051	12.6	77.4	286	279
Light2	2022-05-25 00:29		8.3	5.03	21.85	8799	514	14619	-1960	-1066	-2741	30	60.0	291	444
Light2	2022-05-25 00:29		8.3	5.03	21.85	9942	66	13979	-2127	-1048	-2661	34.5	55.5	293	486
Light2	2022-05-25 00:29		8.3	5.03	21.84	12428	-86	11776	-2747	-1035	-2246	46	44.0	291	333
Light2	2022-05-25 00:29		8.3	5.03	21.84	12988	-369	11339	-2880	-1034	-2143	48.4	41.6	288	186
Light2	2022-05-25 00:29		8.3	5.03	21.84	15017	-1482	8735	-3240	-850	-1816	59.5	30.5	290	535
Light2	2022-05-25 00:29		8.3	5.03	21.31	15684	-384	7078	-3535	-1035	-1352	66	24.0	287	420
Light2	2022-05-25 00:29		8.3	5.03	21.31	16746	119	4403	-3736	-1061	-942	76	14.0	293	344
Light2	2022-05-25 00:29		8.3	5.01	21.31	16439	154	3959	-3877	-1170	-572	77.3	12.7	284	547
Light2	2022-05-25 00:29		8.3	5.03	21.31	16175	1423	658	-3980	-1324	43	84.6	5.4	46	401
Light2	2022-05-25 00:29		8.3	5.03	21.48	16689	904	162	-4011	-1285	199	86.5	3.5	68	332
Light2	2022-05-25 00:30		8.3	5.03	21.48	570	-285	17385	125	-664	-3116	0.7	89.3	315	279
Light2	2022-05-25 00:30		8.3	5.03	21.48	5760	130	16046	-937	-820	-3098	18.6	71.4	312	253
Light2	2022-05-25 00:30		8.3	5.03	21.48	6531	151	15471	-1166	-799	-3069	21.8	68.2	312	520
Light2	2022-05-25 00:30		8.3	5.03	21.48	10512	54	13434	-2065	-774	-2754	37.2	52.8	315	402
Light2	2022-05-25 00:30		8.3	5.01	22.28	10934	-171	13230	-2182	-775	-2698	38.8	51.2	310	397
Light2	2022-05-25 00:30		8	5.03	21.33	14470	-369	9517	-3050	-825	-2020	56.5	33.5	303	423
Light2	2022-05-25 00:30		8	5.03	21.33	15823	12	6325	-3495	-894	-1459	68.7	21.3	302	197
Light2	2022-05-25 00:30		8	5.01	21.4	15740	59	6803	-3475	-922	-1454	67	23.0	299	369
Light2	2022-05-25 00:30		8	5.03	21.4	16461	1325	2692	-3785	-1085	-822	80.5	9.5	348	275
Light2	2022-05-25 00:30		8	5.01	21.4	16647	473	2676	-3859	-998	-659	81.8	8.2	304	455
Light2	2022-05-25 00:30		8	5.03	21.48	16763	826	-118	-4017	-1072	-9	86.3	3.7	83	453
Light2	2022-05-25 00:30		8	5.01	21.48	1958	617	17010	-31	-646	-3141	5.4	84.6	332	233
Light2	2022-05-25 00:30		8	5.03	21.48	8383	-151	15169	-1366	-496	-3075	27.9	62.1	332	505
Light2	2022-05-25 00:30		8	5.03	21.83	11725	257	12326	-2086	-531	-2773	42.9	47.1	341	337
Light2	2022-05-25 00:30		8	5.03	21.83	14547	293	9056	-2959	-618	-2142	58	32.0	331	562
Light2	2022-05-25 00:30		8	5.03	21.83	15923	445	6005	-3420	-628	-1591	69.7	20.3	333	506
Light2	2022-05-25 00:30		8	5.03	21.39	16643	659	2456	-3840	-688	-771	82.3	7.7	348	304
Light2	2022-05-25 00:30		8	5.03	21.39	16813	606	-883	-4043	-722	-62	84.8	5.2	94	322
Light2	2022-05-25 00:30		8	5.03	21.39	1367	-508	17078	328	-39	-3148	3.4	86.6	1	287
Light2	2022-05-25 00:30		8	5.03	21.82	7351	-111	15547	-997	-147	-3171	24.2	65.8	359	294
Light2	2022-05-25 00:30		8	5.03	21.82	11314	-419	12767	-1912	-102	-2865	40.8	49.2	357	444
Light2	2022-05-25 00:30		8	5.03	21.82	12488	-624	11702	-2266	-72	-2676	46.3	43.7	354	550
Light2	2022-05-25 00:30		7.7	5.01	21.46	15307	-228	7479	-3141	-185	-1948	64.2	25.8	352	443
Light2	2022-05-25 00:30		7.7	5.01	21.46	16279	608	4456	-3613	-361	-1274	75.3	14.7	9	381
Light2	2022-05-25 00:30		7.7	5.03	21.39	16668	791	1527	-3882	-391	-672	85.1	4.9	61	254
Light2	2022-05-25 00:30		7.7	5.03	21.39	1655	-499	17365	162	391	-3168	4.3	85.7	28	304
Light2	2022-05-25 00:30		7.7	5.03	21.54	9607	-68	14239	-1528	181	-3008	33.1	56.9	21	301
Light2	2022-05-25 00:30		7.7	5.03	21.54	13173	493	10515	-2523	15	-2496	51	39.0	21	412
Light2	2022-05-25 00:30		7.7	5.03	21.05	15393	75	7620	-3101	75	-1939	63.8	26.2	21	277
Light2	2022-05-25 00:30		7.7	5.03	21.05	16391	983	4684	-3553	-106	-1324	74.3	15.7	46	465
Light2	2022-05-25 00:30		7.7	5.03	21.05	16493	1152	2910	-3758	-116	-914	80.1	9.9	65	289
Light2	2022-05-25 00:30		7.7	5.03	21.05	16789	547	-18	-3934	-8	-350</				

ID	Local Date & Time	Temperature	MSAS									Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-06-28 01:23	9.9	5.01	21.11	9424	-108	14588	-1517	52	510	31.9	58.1	107	295	
Light2	2022-06-28 01:23	9.9	5.03	21.18	12587	-177	11303	-2323	12	-2510	47.6	42.4	9	522	
Light2	2022-06-28 01:23	9.9	5.03	21.18	14779	-205	8894	-2725	30	-2193	58.9	31.1	8	523	
Light2	2022-06-28 01:23	9.9	5.03	21.18	15157	-57	8599	-3001	5	-1928	60.4	29.6	14	191	
Light2	2022-06-28 01:23	9.6	5.03	21.5	16739	285	2683	-3675	-120	-866	81.9	8.1	32	322	
Light2	2022-06-28 01:23	9.9	5.03	21.5	-287	422	16676	482	508	-3008	-2.2	92.2	46	342	
Light2	2022-06-28 01:23	9.9	5.03	21.98	5791	448	16028	-780	383	-3085	18.7	71.3	41	367	
Light2	2022-06-28 01:23	9.9	5.03	20.95	10456	797	13609	-1818	266	-2773	36.6	53.4	39	351	
Light2	2022-06-28 01:23	9.9	5.03	21.05	13025	433	10580	-2575	311	-2280	50.5	39.5	43	409	
Light2	2022-06-28 01:23	9.9	5.03	21.05	14324	465	10060	-2759	294	-2100	54.6	35.4	45	463	
Light2	2022-06-28 01:23	9.9	5.03	21.32	15198	301	7808	-3068	283	-1783	62.9	27.1	44	273	
Light2	2022-06-28 01:23	9.9	5.03	21.47	16175	326	5697	-3393	260	-1323	71.1	18.9	51	572	
Light2	2022-06-28 01:23	9.9	5.03	21.47	16884	493	2722	-3662	208	-748	81.7	8.3	66	352	
Light2	2022-06-28 01:23	9.9	5.03	21.55	16590	321	1981	-3736	228	-527	84.3	5.7	70	582	
Light2	2022-06-28 01:24	9.9	5.03	21.55	17093	498	1107	-3805	205	-314	87	3.0	83	445	
Light2	2022-06-28 01:24	9.9	5.03	21.67	5168	655	16221	-706	541	-3054	16.5	73.5	51	397	
Light2	2022-06-28 01:24	9.9	5.03	21.67	8156	367	15302	-1349	522	-2914	27	63.0	48	463	
Light2	2022-06-28 01:24	9.9	5.03	21.67	10854	670	13732	-2008	449	-2629	37.4	52.6	53	353	
Light2	2022-06-28 01:24	9.9	5.03	21.07	13592	397	10547	-2710	429	-2135	51.8	38.2	53	413	
Light2	2022-06-28 01:24	9.9	5.03	21.29	15105	5	8370	-3103	428	-1689	61.1	28.9	53	591	
Light2	2022-06-28 01:24	9.9	5.03	21.29	16308	-113	5280	-3471	459	-1065	72.7	17.3	60	459	
Light2	2022-06-28 01:24	9.9	5.03	21.29	16271	187	4562	-3544	426	-918	75.1	14.9	66	520	
Light2	2022-06-28 01:24	9.9	5.03	21.49	16855	473	1378	-3737	356	-380	86.2	3.8	81	442	
Light2	2022-06-28 01:24	9.9	5.03	21.54	410	440	17345	38	782	-3020	0.1	89.9	67	424	
Light2	2022-06-28 01:24	9.9	5.03	21.41	8085	151	15220	-1509	737	-2810	26.9	63.1	60	448	
Light2	2022-06-28 01:24	9.9	5.03	21.41	10172	133	14163	-2014	707	-2557	34.8	55.2	65	563	
Light2	2022-06-28 01:24	9.9	5.03	21.41	12256	-202	12306	-2442	692	-2263	44.3	45.7	61	337	
Light2	2022-06-28 01:24	9.9	5.03	21.1	14740	426	8481	-3110	598	-1600	60.1	29.9	67	172	
Light2	2022-06-28 01:24	9.9	5.03	21.31	15812	353	6552	-3409	575	-1110	67.8	22.2	73	381	
Light2	2022-06-28 01:24	9.9	5.03	21.37	16437	255	4215	-3585	553	-710	76.4	13.6	74	398	
Light2	2022-06-28 01:24	9.9	5.03	21.37	16861	345	581	-3790	500	45	88.5	1.5	98	414	
Light2	2022-06-28 01:24	9.6	5.03	21.37	1603	881	16960	-338	711	-3048	4.2	85.8	73	527	
Light2	2022-06-28 01:24	9.9	5.03	21.5	8486	661	14798	-1803	682	-2681	28.8	61.2	72	323	
Light2	2022-06-28 01:24	9.9	5.03	21.2	12470	748	11482	-2568	622	-2179	46.8	43.2	66	394	
Light2	2022-06-28 01:24	9.9	5.03	21.2	14548	622	9030	-3149	615	-1522	58	32.0	76	292	
Light2	2022-06-28 01:24	9.6	5.03	21.2	15836	706	6505	-3446	606	-1006	67.9	22.1	79	483	
Light2	2022-06-28 01:24	9.6	5.03	21.2	16551	800	5096	-3598	566	-659	73.2	16.8	82	416	
Light2	2022-06-28 01:24	9.6	5.03	21.2	16828	683	1767	-3759	568	18	84.6	5.4	88	188	
Light2	2022-06-28 01:24	9.6	5.03	21.35	2102	961	16717	-643	703	-3030	6	84.0	83	507	
Light2	2022-06-28 01:24	9.6	5.01	21.35	6772	983	15659	-1642	700	-2757	22.2	67.8	83	392	
Light2	2022-06-28 01:24	9.6	5.03	21.35	11217	1050	12841	-2578	668	-2152	40.3	49.7	84	394	
Light2	2022-06-28 01:24	9.6	5.01	21.35	14590	591	8704	-3063	618	-1628	59.1	30.9	69	569	
Light2	2022-06-28 01:25	9.6	5.03	21.18	15870	499	6164	-3517	688	-774	69.1	20.9	82	485	
Light2	2022-06-28 01:25	9.6	5.03	21.24	16451	690	3552	-3724	635	-56	78.5	11.5	87	246	
Light2	2022-06-28 01:25	9.6	5.03	21.24	16730	788	-429	-3781	595	724	85.7	4.3	264	298	
Light2	2022-06-28 01:25	9.6	5.01	21.24	16949	670	-359	-3781	604	631	86.2	3.8	263	332	
Light2	2022-06-28 01:25	9.6	5.03	21.6	2491	285	17354	-994	878	-2904	7.2	82.8	97	382	
Light2	2022-06-28 01:25	9.6	5.03	21.41	9343	-143	13987	-2222	836	-2363	32.8	57.2	84	366	
Light2	2022-06-28 01:25	9.6	5.03	21.25	13775	-258	9900	-3163	815	-1360	54.1	35.9	86	434	
Light2	2022-06-28 01:25	9.6	5.03	21.25	15901	-84	6223	-3523	786	-633	69.1	20.9	83	489	
Light2	2022-06-28 01:25	9.6	5.03	21.24	16792	247	3694	-3688	713	-86	78.5	11.5	86	480	
Light2	2022-06-28 01:25	9.6	5.03	21.39	16804	-254	420	-3705	794	719	89.2	0.8	347	395	
Light2	2022-06-28 01:25	9.6	5.03	21.39	2142	-19	16393	-982	933	-2899	6.2	83.8	99	579	
Light2	2022-06-28 01:25	9.6	5.03	21.32	11931	480	12382	-2964	679	-1727	43.2	46.8	98	428	
Light2	2022-06-28 01:25	9.6	5.01	21.32	14038	548	9777	-3299	684	-1225	54.9	35.1	92	384	
Light2	2022-06-28 01:25	9.6	5.03	21.32	15082	424	8209	-3495	654	-820	61.5	28.5	92	510	
Light2	2022-06-28 01:25	9.6	5.03	21.27	16133	-8	6409	-3595	682	-519	68.7	21.3	87	512	
Light2	2022-06-28 01:25	9.6	5.03	21.21	16055	138	5830	-3632	688	-348	70.6	19.4	88	271	
Light2	2022-06-28 01:25	9.6	5.03	21.22	16512	-114	3326	-3688	822	185	79.6	10.4	87	385	
Light2	2022-06-28 01:25	9.6	5.03	21.32	16520	-192	2939	-3708	777	253	81	9.0	87	515	
Light2	2022-06-28 01:25	9.6	5.03	21.33	485	150	16631	-706	901	-2949	0.4	89.6	103	340	
Light2	2022-06-28 01:25	9.6	5.01	21.33	8713	-78	14900	-2424	796	-2216	29.3	60.7	106	378	
Light2	2022-06-28 01:25	9.6	5.01	21.51	12872	363	11857	-3204	614	-1440	46.8	43.2	104	387	
Light2	2022-06-28 01:25	9.6	5.03	21.51	15142	-64	8049	-3432	725	-905	62.1	27.9	87	441	
Light2	2022-06-28 01:25	9.6	5.03	21.51	16471	-183	4935	-3699	723	28	74	16.0	89	482	
Light2	2022-06-28 01:25	9.6	5.03	21.24	16845	86	2135	-3743	701	435	84	6.0	89	185	
Light2	2022-06-28 01:26	9.6	5.03	21.4	16923	345	176	-3728	639	1088	88.3	1.7	264	477	
Light2	2022-06-28 01:26	9.3	5.03	21.4	-415	183	17753	-932	612	-2982	-2.7	92.7	129	438	
Light2	2022-06-28 01:26	9.6	5.03	21.4	6071	109	16032	-2061	702	-2517	19.6	70.4	116	581	
Light2	2022-06-28 01:26	9.6	5.03	21.22	9417	1038	14360	-2780	525	-1989	32.2	57.8	116	261	
Light2	2022-06-28 01:26	9.6	5.01	21.22	8635	-381	15903	-2616	742	-2060	27.4	62.6	122	328	
Light2	2022-06-28 01:26	9.6	5.03	21.22	10263	-1012	13748	-2813	864	-1804	35.8	54.2	110	477	
Light2	2022-06-28 01:26	9.6	5.03	21.22	11365	-1119	12408	-2912	851	-1686	41.8	48.2	101	284	
Light2	2022-06-28 01:26	9.6	5.03	21.29	13766	-600	9948	-3423	712	-949	53.9	36.1	102	254	
Light2	2022-06-28 01:26	9.6	5.03	21.29	15401	-487	7832	-3654	628	-345	63.2	26.8	98	572	
Light2	2022-06-28 01:26	9.6	5.03	21.24	16155	-149	5008	-3765	563	118	73.5	16.5	91	358	
Light2	2022-06-28 01:26	9.6	5.03	21.24	16436	58	5100	-3781	564	320	73.4	16.6	91	476	
Light2	2022-06-28 01:26	9.6	5.01	21.24	16358	204	4566	-3789	552	391	75.1	14.9	91	267	
Light2	2022-06-28 01:26	9.3	5.03	21.17	16995	291	1944	-3778	511	1002	84.6	5.4	97	466	
Light2	2022-06-28 01:26	9.3	5.03	21.17	2346	-390	17297	-1629	662	-2752	6.7	83.3	135	443	
Light2	2022-06-28 01:26	9.3	5.03	21.55	11299	-282	13110	-3134	574	-1547	40	50.0	120	538	
Light2	2022-06-28 01:26	9.3	5.03	21.37	14168	164	9894	-3585	437	-758	54.8	35.2	111	291	
Light2	2022-06-28 01:26	9.3	5.01	21.17	16111	408	5990	-3821	406	174	70	20.0	95	305</	

ID	Local Date & Time	Temperature	MSAS									Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-06-28 01:26	9.3	5.03	21.5	7199	-126	15683	-2577	442	-2214	23.6	66.4	139	202	
Light2	2022-06-28 01:26	9.3	5.03	21.8	2636	20486	17676	-27731	4358	368	5.6	84.4	61	-28996	
Light2	2022-06-28 01:26	9.3	5.03	21.8	10816	-278	12848	-3164	436	-1567	39.4	50.6	129	557	
Light2	2022-06-28 01:26	9.3	5.03	21.8	12576	-460	11522	-3405	424	-1182	47	43.0	125	553	
Light2	2022-06-28 01:26	9.3	5.03	21.24	13663	-421	10369	-3612	414	-733	52.5	37.5	121	119	
Light2	2022-06-28 01:26	9.3	5.03	21.24	15213	-346	7507	-3799	367	-70	64	26.0	106	536	
Light2	2022-06-28 01:26	9.3	5.03	21.17	15300	-285	7593	-3795	381	-54	63.8	26.2	105	296	
Light2	2022-06-28 01:26	9.3	5.03	21.17	16361	-269	4746	-3866	324	616	74.6	15.4	90	319	
Light2	2022-06-28 01:26	9.3	5.03	21.15	16897	-2	3107	-3843	284	987	80.6	9.4	90	234	
Light2	2022-06-28 01:26	9.3	5.01	21.15	16811	68	2546	-3829	301	1112	82.5	7.5	95	515	
Light2	2022-06-28 01:27	9.3	5.03	21.41	1871	-203	17195	-1681	356	-2800	5.1	84.9	152	437	
Light2	2022-06-28 01:27	9.3	5.03	21.55	10658	324	13505	-3259	121	-1538	37.4	52.6	150	435	
Light2	2022-06-28 01:27	9.3	5.03	21.18	13485	554	10679	-3718	25	-643	51.2	38.8	147	443	
Light2	2022-06-28 01:27	9.3	5.03	21.14	15115	383	7725	-3869	48	-72	63	27.0	125	470	
Light2	2022-06-28 01:27	9.3	5.03	21.14	16278	273	4872	-3918	45	703	74	16.0	83	589	
Light2	2022-06-28 01:27	9.3	5.03	21.16	16854	395	2258	-3850	52	1291	83.4	6.6	141	483	
Light2	2022-06-28 01:27	9.3	5.03	21.33	1265	143	16560	-1486	-32	-2910	3.2	86.8	170	457	
Light2	2022-06-28 01:27	9.3	5.03	21.33	631	771	17719	-1630	-48	-2858	0.9	89.1	166	437	
Light2	2022-06-28 01:27	9.3	5.03	21.33	5408	838	16022	-2448	-86	-2408	17.5	72.5	166	261	
Light2	2022-06-28 01:27	9.3	5.03	21.14	9913	161	14282	-3235	-79	-1625	33.8	56.2	172	218	
Light2	2022-06-28 01:27	9.3	5.03	21.13	13852	-693	10003	-3760	105	-519	53.9	36.1	151	137	
Light2	2022-06-28 01:27	9.3	5.03	21.16	15809	-486	6285	-3939	-14	426	68.7	21.3	112	548	
Light2	2022-06-28 01:27	9.3	5.03	21.16	16798	-65	3346	-3910	-112	1099	79.7	10.3	72	483	
Light2	2022-06-28 01:27	9.3	5.03	21.23	16533	-18	1811	-3866	-87	1363	85.1	4.9	149	480	
Light2	2022-06-28 01:27	9	5.03	21.23	17014	-67	2185	-3852	-84	1408	83.9	6.1	138	547	
Light2	2022-06-28 01:27	9	5.03	21.33	-792	356	17305	-1414	-315	-2936	-3.9	93.9	184	458	
Light2	2022-06-28 01:27	9	5.03	21.33	5158	912	16245	-2294	-442	-2516	16.4	73.6	188	497	
Light2	2022-06-28 01:27	9	5.03	21.73	11977	662	12341	-3544	-455	-1161	43.4	46.6	201	403	
Light2	2022-06-28 01:27	9	5.03	21.73	14662	367	8966	-3900	-442	-164	58.4	31.6	227	302	
Light2	2022-06-28 01:27	9	5.01	21.19	16227	-45	5453	-3988	-471	513	72	18.0	267	529	
Light2	2022-06-28 01:27	9	5.03	21.19	16572	435	3013	-3939	-492	1142	80.6	9.4	269	527	
Light2	2022-06-28 01:27	9	5.03	21.37	16915	491	721	-3823	-477	1619	87.9	2.1	267	510	
Light2	2022-06-28 01:27	9	5.03	21.37	-309	1091	17382	-1500	-493	-2888	-2.3	92.3	186	492	
Light2	2022-06-28 01:27	9	5.03	21.37	42	-37	16913	-1466	-466	-2909	-1.1	91.1	197	349	
Light2	2022-06-28 01:28	9	5.03	22.27	6887	141	15536	-2690	-521	-2214	22.8	67.2	203	458	
Light2	2022-06-28 01:28	9	5.03	22.27	11368	-2	12846	-3421	-615	-1368	40.8	49.2	221	374	
Light2	2022-06-28 01:28	9	5.03	21.41	13843	94	10196	-3793	-637	-594	53.3	36.7	236	454	
Light2	2022-06-28 01:28	9	5.03	21.41	15854	-28	5939	-3974	-647	217	70	20.0	263	527	
Light2	2022-06-28 01:28	9	5.03	21.33	16515	95	4422	-3983	-694	785	75.8	14.2	271	390	
Light2	2022-06-28 01:28	9	5.03	21.42	16669	478	1055	-3842	-731	1575	87.1	2.9	265	382	
Light2	2022-06-28 01:28	9	5.03	21.42	2388	642	16977	-1813	-799	-2731	6.8	83.2	210	387	
Light2	2022-06-28 01:28	9	5.03	21.42	7723	549	14887	-2644	-820	-2217	26.4	63.6	224	290	
Light2	2022-06-28 01:28	9	5.03	21.42	10708	84	13630	-3297	-778	-1555	37.3	52.7	227	565	
Light2	2022-06-28 01:28	9	5.03	22.18	14326	224	9335	-3816	-842	-442	56.8	33.2	251	493	
Light2	2022-06-28 01:28	9	5.03	22.18	14017	629	9412	-3792	-890	-524	55.9	34.1	249	492	
Light2	2022-06-28 01:28	9	5.03	21.4	16556	341	4786	-3973	-855	550	74.5	15.5	269	323	
Light2	2022-06-28 01:28	9	5.03	21.4	16835	489	2539	-3921	-908	1148	82.3	7.7	267	337	
Light2	2022-06-28 01:28	9	5.03	21.47	16711	436	-214	-3811	-968	1595	87.1	2.9	14	422	
Light2	2022-06-28 01:28	8.7	5.03	21.47	272	481	17219	-1406	-763	-2880	-0.3	90.3	208	487	
Light2	2022-06-28 01:28	8.7	5.03	21.47	1353	579	17036	-1562	-778	-2825	3.4	86.6	210	521	
Light2	2022-06-28 01:28	9	5.03	22.45	8976	-99	14606	-2931	-796	-1983	30.6	59.4	228	432	
Light2	2022-06-28 01:28	9	5.03	22.45	12704	139	11420	-3528	-940	-1151	47.5	42.5	246	162	
Light2	2022-06-28 01:28	9	5.03	21.7	15147	280	7927	-3875	-967	-191	62.5	27.5	261	516	
Light2	2022-06-28 01:28	9	5.03	21.7	16405	-11	4855	-3965	-965	494	74.2	15.8	270	525	
Light2	2022-06-28 01:28	9	5.03	21.7	16855	490	2266	-3901	-1072	1134	83.2	6.8	267	509	
Light2	2022-06-28 01:28	8.7	5.03	21.48	16931	-48	75	-3838	-1018	1518	88.7	1.3	72	455	
Light2	2022-06-28 01:28	8.7	5.03	21.48	2556	1138	16756	-1632	-1159	-2722	7.5	82.5	228	427	
Light2	2022-06-28 01:28	8.7	5.03	21.48	2419	434	17631	-1581	-1088	-2758	6.9	83.1	231	569	
Light2	2022-06-28 01:28	8.7	5.01	21.48	7873	916	15681	-2615	-1181	-2163	25.5	64.5	237	433	
Light2	2022-06-28 01:28	8.7	5.03	22.11	11675	1037	12510	-3246	-1261	-1475	42.2	47.8	251	399	
Light2	2022-06-28 01:28	8.7	5.03	22.11	14130	842	9468	-3619	-1251	-815	55.9	34.1	262	470	
Light2	2022-06-28 01:28	8.7	5.03	21.54	15440	1061	6346	-3817	-1325	-173	67.7	22.3	270	463	
Light2	2022-06-28 01:29	8.7	5.03	21.58	16569	371	3751	-3926	-1215	441	78.1	11.9	272	388	
Light2	2022-06-28 01:29	8.7	5.03	21.58	16967	708	594	-3860	-1282	1209	87.3	2.7	290	398	
Light2	2022-06-28 01:29	8.7	5.03	21.58	1528	1016	17343	-1176	-1253	-2815	3.9	86.1	241	434	
Light2	2022-06-28 01:29	8.7	5.03	21.91	10115	902	13663	-2783	-1303	-1973	35.6	54.4	256	208	
Light2	2022-06-28 01:29	8.7	5.03	21.91	14524	803	9045	-3573	-1380	-869	57.8	32.2	268	563	
Light2	2022-06-28 01:29	8.7	5.03	21.91	14463	457	9138	-3568	-1320	-910	57.6	32.4	267	181	
Light2	2022-06-28 01:29	8.7	5.03	21.74	16580	815	3664	-3881	-1391	276	78	12.0	275	458	
Light2	2022-06-28 01:29	8.7	5.03	21.61	17028	405	249	-3879	-1298	1064	88.3	1.7	5	522	
Light2	2022-06-28 01:29	8.7	5.03	21.52	1212	486	16801	-942	-1132	-2892	2.9	87.1	249	160	
Light2	2022-06-28 01:29	8.7	5.03	21.52	8900	1182	14619	-2409	-1399	-2246	30.2	59.8	261	270	
Light2	2022-06-28 01:29	8.7	5.03	22.32	13326	1078	10685	-3273	-1429	-1367	50.7	39.3	269	242	
Light2	2022-06-28 01:29	8.7	5.03	22.32	13620	1366	10577	-3323	-1420	-1296	51.5	38.5	268	596	
Light2	2022-06-28 01:29	8.7	5.03	22.32	13368	1120	10607	-3269	-1412	-1386	51	39.0	270	416	
Light2	2022-06-28 01:29	8.7	5.03	21.56	14911	1302	7738	-3556	-1489	-823	62.3	27.7	275	213	
Light2	2022-06-28 01:29	8.7	5.03	21.56	15422	1251	6901	-3587	-1471	-777	65.7	24.3	279	599	
Light2	2022-06-28 01:29	8.7	5.03	21.56	16090	1276	5956	-3737	-1469	-353	69.6	20.4	276	594	
Light2	2022-06-28 01:29	8.7	5.03	21.56	16082	880	5134	-3758	-1401	-309	72.6	17.4	277	554	
Light2	2022-06-28 01:29	8.7	5.03	21.65	15850	766	5408	-3782	-1329	-316	71.5	18.5	275	369	
Light2	2022-06-28 01:29	8.7	5.03	21.65	16132	835	4760	-3790	-1375	-246	74	16.0	278	356	
Light2	2022-06-28 01:29	8.7	5.03	21.65	16904	828	2655	-3861	-1474	383	81.6	8.4	278	497	
Light2	2022-06-28 01:29	8.7	5.03	21.61	16850	596	1304	-3903	-1358	572					

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-06-28 01:29	8.3	5.03	22.4	15707	775	6196	-3597	-1322	-883	68.7	21.3	284	367	
Light2	2022-06-28 01:30	8.3	5.03	21.65	16714	885	2887	-3820	-1373	-127	80.6	9.4	286	533	
Light2	2022-06-28 01:30	8.3	5.03	21.58	16741	984	43	-3894	-1402	504	86.1	3.9	58	462	
Light2	2022-06-28 01:30	8.3	5.03	21.58	1959	380	17436	-377	-926	-2989	5.4	84.6	297	379	
Light2	2022-06-28 01:30	8.3	5.03	21.58	8508	538	14996	-1772	-1076	-2707	28.5	61.5	294	545	
Light2	2022-06-28 01:30	8.3	5.03	21.58	13556	857	10503	-2923	-1185	-1907	51.7	38.3	293	175	
Light2	2022-06-28 01:30	8.3	5.03	21.58	15673	1125	6236	-3379	-1308	-1281	68.3	21.7	302	254	
Light2	2022-06-28 01:30	8.3	5.03	22.09	16639	1087	3225	-3748	-1315	-476	79.2	10.8	296	560	
Light2	2022-06-28 01:30	8.3	5.03	22.09	16760	1172	-690	-3915	-1298	316	84.1	5.9	81	290	
Light2	2022-06-28 01:30	8.3	5.03	21.6	3006	-910	17606	-311	-845	-3016	8.8	81.2	305	431	
Light2	2022-06-28 01:30	8.3	5.03	21.6	2422	-108	17571	-269	-731	-3048	6.9	83.1	313	500	
Light2	2022-06-28 01:30	8.3	5.03	21.6	4116	-181	16335	-613	-686	-3060	13	77.0	315	528	
Light2	2022-06-28 01:30	8.3	5.03	21.6	10866	316	13493	-2115	-827	-2607	38	52.0	312	451	
Light2	2022-06-28 01:30	8.3	5.03	22.26	14525	400	9058	-3082	-982	-1813	57.9	32.1	302	509	
Light2	2022-06-28 01:30	8.3	5.04	22.26	16088	903	4715	-3590	-1032	-1035	74	16.0	308	456	
Light2	2022-06-28 01:30	8.3	5.03	21.66	16811	1842	1089	-3844	-1320	-128	83	7.0	36	378	
Light2	2022-06-28 01:30	8.3	5.03	21.66	16892	1667	1372	-3840	-1271	-207	83.1	6.9	19	456	
Light2	2022-06-28 01:30	8.3	5.03	21.66	2398	389	16822	-76	-586	-3063	6.9	83.1	335	246	
Light2	2022-06-28 01:30	8.3	5.03	22.05	10797	920	12842	-1879	-712	-2751	39.2	50.8	340	365	
Light2	2022-06-28 01:30	8	5.03	21.67	15449	352	7387	-3230	-720	-1677	64.6	25.4	319	278	
Light2	2022-06-28 01:30	8	5.03	21.67	16727	718	3064	-3681	-824	-900	80.3	9.7	330	580	
Light2	2022-06-28 01:30	8	5.03	21.67	17047	941	-787	-3901	-882	-213	84.5	5.5	92	587	
Light2	2022-06-28 01:30	8	5.03	21.67	16730	750	-1127	-3968	-860	93	83.8	6.2	91	210	
Light2	2022-06-28 01:30	8	5.03	21.57	3853	732	16612	-313	-393	-3106	11.9	78.1	354	590	
Light2	2022-06-28 01:30	8	5.03	21.57	9724	513	14101	-1638	-367	-2889	33.6	56.4	354	433	
Light2	2022-06-28 01:30	8	5.03	21.72	14747	639	8570	-2974	-447	-2009	59.7	30.3	352	270	
Light2	2022-06-28 01:30	8	5.03	21.72	16627	537	3647	-3471	-512	-1358	78.4	11.6	358	310	
Light2	2022-06-28 01:30	8	5.03	21.72	16847	634	822	-3871	-524	-414	87.3	2.7	73	590	
Light2	2022-06-28 01:30	8	5.03	21.57	16650	290	-1425	-3983	-493	114	83.2	6.8	93	333	
Light2	2022-07-26 01:19	16.4	5.03	20.25	669	125	17077	457	-94	-2968	1	89.0	5	252	
Light2	2022-07-26 01:19	16.4	5.01	20.25	5843	-243	15990	-698	-107	-3062	18.9	71.1	360	427	
Light2	2022-07-26 01:19	16.4	5.03	20.25	9276	425	14139	-1385	-157	-2939	32.3	57.7	6	384	
Light2	2022-07-26 01:19	16.4	5.03	20.25	9709	-327	13612	-1652	-128	-2835	34.7	55.3	356	496	
Light2	2022-07-26 01:19	16.4	5.03	22.74	10500	383	13092	-1880	-177	-2732	37.9	52.1	6	237	
Light2	2022-07-26 01:19	16.4	5.01	22.74	12174	-456	11802	-2253	-131	-2525	45.3	44.7	353	506	
Light2	2022-07-26 01:19	16.4	5.03	22.74	12969	-549	12538	-2270	-164	-2503	45.3	44.7	349	407	
Light2	2022-07-26 01:19	16.4	5.01	22.74	12497	-392	11652	-2317	-73	-2471	46.5	43.5	359	383	
Light2	2022-07-26 01:19	16.4	5.01	22.74	13792	-503	10093	-2640	-100	-2226	53.5	36.5	353	182	
Light2	2022-07-26 01:19	16.4	5.03	22.74	14860	-366	9832	-2735	-173	-2154	56.3	33.7	350	596	
Light2	2022-07-26 01:19	16.4	5.03	22.68	15352	291	7793	-3041	-262	-1831	63.2	26.8	359	391	
Light2	2022-07-26 01:19	16.4	5.03	22.68	15294	301	7670	-3067	-356	-1801	63.5	26.5	351	502	
Light2	2022-07-26 01:20	16.4	5.03	22.52	15902	605	5734	-3337	-382	-1454	70.6	19.4	1	324	
Light2	2022-07-26 01:20	16.4	5.03	22.48	16579	992	3488	-3613	-424	-941	78.5	11.5	31	182	
Light2	2022-07-26 01:20	16.4	5.01	22.48	781	225	16865	259	344	-3022	1.4	88.6	36	442	
Light2	2022-07-26 01:20	16.4	5.01	22.48	9890	436	14113	-1677	104	-2818	34.1	55.9	26	534	
Light2	2022-07-26 01:20	16.4	5.03	22.65	14207	792	9373	-2795	87	-2059	56.3	33.7	38	429	
Light2	2022-07-26 01:20	16.4	5.01	22.63	16470	255	5198	-3434	89	-1211	73.1	16.9	41	423	
Light2	2022-07-26 01:20	16.4	5.03	22.63	16457	463	5116	-3459	46	-1186	73.3	16.7	45	221	
Light2	2022-07-26 01:20	16.4	5.03	22.63	16689	93	4196	-3521	82	-1067	76.7	13.3	36	476	
Light2	2022-07-26 01:20	16.4	5.03	22.63	16931	716	2982	-3648	50	-739	80.6	9.4	65	467	
Light2	2022-07-26 01:20	16.4	5.03	22.63	16653	210	1731	-3718	69	-545	85.3	4.7	59	441	
Light2	2022-07-26 01:20	16.4	5.03	22.63	16787	158	100	-3793	99	-232	88.6	1.4	135	413	
Light2	2022-07-26 01:20	16.4	5.03	22.63	16256	713	432	-3782	86	-300	87.2	2.8	94	436	
Light2	2022-07-26 01:20	16.4	5.03	22.39	479	1746	16914	308	276	-3017	0.4	89.6	47	312	
Light2	2022-07-26 01:20	16.4	5.01	22.39	1176	896	17052	157	351	-3042	2.8	87.2	44	586	
Light2	2022-07-26 01:20	16.4	5.01	22.39	1350	648	16700	68	429	-3045	3.4	86.6	47	488	
Light2	2022-07-26 01:20	16.4	5.01	22.39	9605	100	14259	-1665	460	-2778	33	57.0	42	568	
Light2	2022-07-26 01:20	16.4	5.01	22.39	13348	490	10704	-2611	312	-2198	50.8	39.2	47	395	
Light2	2022-07-26 01:21	16.4	5.01	23.02	15721	663	6913	-3271	355	-1412	66.4	23.6	62	569	
Light2	2022-07-26 01:21	16.4	5.01	23.02	16294	1134	3004	-3660	232	-2943	79.7	10.3	46	449	
Light2	2022-07-26 01:21	16.4	5.03	23.02	16781	-70	-503	-3795	408	157	86.6	3.4	264	512	
Light2	2022-07-26 01:21	16.4	5.03	22.55	4026	-1014	16309	-763	982	-2908	12.7	77.3	65	257	
Light2	2022-07-26 01:21	16.4	5.01	22.55	10658	-1091	13505	-2078	878	-2426	37.4	52.6	59	372	
Light2	2022-07-26 01:21	16.4	5.01	22.55	12651	-847	11098	-2618	786	-2032	48.3	41.7	61	544	
Light2	2022-07-26 01:21	16.4	5.03	22.55	14573	-238	8231	-3038	715	-1566	60.6	29.4	63	570	
Light2	2022-07-26 01:21	16.4	5.03	23.02	15829	-622	6700	-3326	713	-1102	67.4	22.6	67	301	
Light2	2022-07-26 01:21	16.4	5.03	23.02	16802	-158	2390	-3661	620	-251	83.1	6.9	76	253	
Light2	2022-07-26 01:21	16.4	5.03	23.02	16685	-213	2209	-3675	627	-196	83.7	6.3	76	302	
Light2	2022-07-26 01:21	16.4	5.01	23.02	2943	366	17045	-685	820	-2976	8.7	81.3	77	502	
Light2	2022-07-26 01:21	16.4	5.03	23.02	9927	-429	14164	-2216	856	-2337	34.1	55.9	80	430	
Light2	2022-07-26 01:21	16.4	5.01	22.63	15704	-126	6876	-3447	751	-812	66.7	23.3	82	362	
Light2	2022-07-26 01:22	16.4	5.01	22.63	16635	185	937	-3737	667	542	88.1	1.9	95	395	
Light2	2022-07-26 01:22	16.4	5.03	22.63	16886	194	361	-3743	651	520	89.1	0.9	229	523	
Light2	2022-07-26 01:22	16.4	5.01	22.79	1045	-331	16884	-780	895	-2952	2.3	87.7	102	447	
Light2	2022-07-26 01:22	16.4	5.03	22.79	7338	-83	14914	-2125	777	-2456	25.2	64.8	102	263	
Light2	2022-07-26 01:22	16.4	5.03	22.79	13024	-1385	10979	-3120	913	-1346	49.3	40.7	95	575	
Light2	2022-07-26 01:22	16.4	5.01	22.79	15974	425	5995	-3639	666	-302	69.8	20.2	90	547	
Light2	2022-07-26 01:22	16.4	5.03	22.69	16731	-817	3751	-3688	803	277	78	12.0	87	363	
Light2	2022-07-26 01:22	16.1	5.03	22.69	16971	-615	843	-3699	766	881	87.6	2.4	79	531	
Light2	2022-07-26 01:22	16.1	5.01	22.69	2128	-1479	16277	-1427	877	-2774	6.2	83.8	129	469	
Light2	2022-07-26 01:22	16.1	5.01	22.69	6739	-1340	14491	-2067	855	-2457	23.9	66.1	106	336	
Light2	2022-07-26 01:22	16.1	5.01	22.55	9780	-1261	14013	-2800	756	-1885	34	56.0	119	569	
Light2	2022-07-26 01:22	16.4	5.01	22.55	14929	-515									

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-07-26 01:22	16.1	5.03	22.52	393	-632	16970	-1179	489	-2958	0.1	89.9	145	589	
Light2	2022-07-26 01:22	16.1	5.01	22.52	629	-667	17828	-1313	516	-2911	0.8	89.2	146	492	
Light2	2022-07-26 01:22	16.1	5.01	22.9	5387	51	15952	-2190	307	-2539	17.5	72.5	144	299	
Light2	2022-07-26 01:22	16.1	5.03	22.9	11460	-459	12884	-3243	291	-1487	40.9	49.1	141	430	
Light2	2022-07-26 01:23	16.1	5.01	22.07	13986	-707	8779	-3669	309	-586	57.8	32.2	122	412	
Light2	2022-07-26 01:23	16.1	5.01	22.07	16010	-599	6418	-3842	293	250	68.5	21.5	101	542	
Light2	2022-07-26 01:23	16.1	5.01	22.46	16633	-476	2574	-3833	249	1047	82.3	7.7	92	550	
Light2	2022-07-26 01:23	16.1	5.03	22.46	16861	-398	-673	-3706	207	1672	85.8	4.2	350	426	
Light2	2022-07-26 01:23	16.1	5.03	22.44	2324	-337	16848	-1837	49	-2765	6.6	83.4	172	550	
Light2	2022-07-26 01:23	16.1	5.03	22.44	8958	-317	14305	-3027	10	-1860	31.1	58.9	171	350	
Light2	2022-07-26 01:23	16.1	5.03	21.7	9201	-43	14645	-3076	-6	-1804	31.2	58.8	169	596	
Light2	2022-07-26 01:23	16.1	5.03	21.7	12063	-270	11695	-3519	-27	-1140	45.4	44.6	169	457	
Light2	2022-07-26 01:23	16.1	5.03	21.7	14263	-582	9033	-3778	-5	-456	57.6	32.4	163	351	
Light2	2022-07-26 01:23	16.1	5.03	22.07	15908	-588	5301	-3919	-48	405	72.2	17.8	119	532	
Light2	2022-07-26 01:23	16.1	5.01	22.07	16740	-190	2461	-3893	-108	1133	82.8	7.2	99	533	
Light2	2022-07-26 01:23	16.1	5.01	22.56	16892	-1127	588	-3760	67	1612	86.2	3.8	88	420	
Light2	2022-07-26 01:23	16.1	5.01	22.56	16911	-584	1926	-3835	-10	1336	84.5	5.5	101	573	
Light2	2022-07-26 01:23	16.1	5.01	22.53	17003	234	946	-3828	-264	1513	88	2.0	252	375	
Light2	2022-07-26 01:24	16.1	5.03	22.53	16966	273	733	-3813	-272	1573	88.5	1.5	260	528	
Light2	2022-07-26 01:24	16.1	5.01	22.53	16958	285	969	-3794	-252	1613	87.8	2.2	252	447	
Light2	2022-07-26 01:24	16.1	5.01	22.22	4211	206	16607	-2198	-349	-2580	13	77.0	190	487	
Light2	2022-07-26 01:24	16.1	5.03	22.22	11342	-47	12606	-3394	-381	-1401	41.3	48.7	204	535	
Light2	2022-07-26 01:24	16.1	5.03	22.22	15278	-35	7574	-3846	-424	-294	63.8	26.2	239	429	
Light2	2022-07-26 01:24	16.1	5.01	22.22	16115	-273	6105	-3949	-346	349	69.7	20.3	253	491	
Light2	2022-07-26 01:24	16.1	5.01	22.26	16668	-199	2672	-3924	-373	1125	82	8.0	266	434	
Light2	2022-07-26 01:24	16.1	5.03	22.26	2964	-58	16777	-1839	-601	-2734	8.8	81.2	209	430	
Light2	2022-07-26 01:24	16.1	5.03	22.26	8233	505	15012	-2814	-764	-2051	27.7	62.3	219	397	
Light2	2022-07-26 01:24	16.1	5.03	23.08	11145	621	12720	-3338	-837	-1437	40.5	49.5	230	163	
Light2	2022-07-26 01:24	16.1	5.03	23.08	13711	613	9904	-3709	-839	-700	53.8	36.2	245	533	
Light2	2022-07-26 01:24	16.1	5.01	23.08	14224	1197	9438	-3791	-876	-460	56	34.0	246	319	
Light2	2022-07-26 01:24	16.1	5.01	23.08	16535	193	6102	-3915	-826	87	70.2	19.8	265	584	
Light2	2022-07-26 01:24	16.1	5.03	23.08	17028	881	2131	-3891	-830	1214	83.2	6.8	268	537	
Light2	2022-07-26 01:24	16.1	5.03	22.11	1242	287	16839	-1232	-891	-2886	3	87.0	228	333	
Light2	2022-07-26 01:24	16.1	5.03	22.11	7212	503	14887	-2496	-1022	-2269	24.8	65.2	236	409	
Light2	2022-07-26 01:24	16.1	5.03	22.11	11422	1023	12897	-3168	-1096	-1600	40.7	49.3	245	324	
Light2	2022-07-26 01:24	16.1	5.01	22.11	11640	918	13182	-3233	-1099	-1515	40.6	49.4	244	536	
Light2	2022-07-26 01:24	16.1	5.01	22.11	14471	237	9538	-3705	-988	-657	56.4	33.6	256	417	
Light2	2022-07-26 01:24	16.1	5.01	22.48	14457	261	8961	-3745	-983	-556	58.1	31.9	257	415	
Light2	2022-07-26 01:24	16.1	5.01	22.48	15547	-293	7588	-3845	-913	-237	64.2	25.8	263	441	
Light2	2022-07-26 01:24	16.1	5.03	22.48	16647	52	4073	-3919	-941	220	77.1	12.9	271	550	
Light2	2022-07-26 01:24	16.1	5.03	22.48	16878	49	2832	-3935	-1001	759	81.6	8.4	269	250	
Light2	2022-07-26 01:24	16.1	5.01	22.14	1581	588	17331	-1262	-1040	-2832	4.1	85.9	234	484	
Light2	2022-07-26 01:25	16.1	5.03	22.42	10229	605	13727	-2718	-1186	-2029	35.8	54.2	258	460	
Light2	2022-07-26 01:25	16.1	5.03	22.42	13065	352	11119	-3323	-1170	-1333	49.1	40.9	261	527	
Light2	2022-07-26 01:25	16.1	5.03	22.42	13187	468	11383	-3322	-1159	-1344	48.7	41.3	259	261	
Light2	2022-07-26 01:25	16.1	5.01	22.42	15054	607	8232	-3657	-1221	-653	61.3	28.7	267	541	
Light2	2022-07-26 01:25	16.1	5.03	21.86	16678	1072	4368	-3840	-1342	206	75.5	14.5	274	534	
Light2	2022-07-26 01:25	16.1	5.01	21.86	16652	1113	1976	-3858	-1346	752	83.1	6.9	277	269	
Light2	2022-07-26 01:25	16.1	5.01	22.17	17000	1116	2141	-3850	-1392	598	82.7	7.3	279	310	
Light2	2022-07-26 01:25	16.1	5.01	22.17	16785	-379	3631	-3888	-1103	299	78.7	11.3	271	540	
Light2	2022-07-26 01:25	16.1	5.01	22.17	16504	207	3644	-3886	-1138	264	78.5	11.5	272	307	
Light2	2022-07-26 01:25	16.1	5.01	22.17	161	546	16718	-518	-1314	-2802	-0.7	90.7	263	574	
Light2	2022-07-26 01:25	16.1	5.01	22.17	2634	19462	17678	32749	4518	410	5.6	84.4	125	25788	
Light2	2022-07-26 01:25	16.1	5.03	22.6	9314	298	14510	-2157	-1200	-2424	31.7	58.3	277	580	
Light2	2022-07-26 01:25	16.1	5.01	22.6	9229	-68	14908	-2184	-1054	-2454	30.8	59.2	273	446	
Light2	2022-07-26 01:25	16.1	5.03	22.6	9299	-539	14366	-2200	-1060	-2445	32	58.0	275	390	
Light2	2022-07-26 01:25	16.1	5.03	21.9	11804	-89	12536	-2668	-1111	-2084	42.6	47.4	279	498	
Light2	2022-07-26 01:25	16.1	5.03	21.9	12310	341	11748	-2741	-1232	-1980	45.8	44.2	283	518	
Light2	2022-07-26 01:25	16.1	5.03	21.94	14766	300	8349	-3292	-1214	-1371	60.5	29.5	285	581	
Light2	2022-07-26 01:25	16.1	5.03	22.1	16407	230	3507	-3719	-1136	-519	78.9	11.1	286	548	
Light2	2022-07-26 01:25	16.1	5.03	22.1	17876	761	-96	-3831	-1167	-71	86.7	3.3	83	303	
Light2	2022-07-26 01:25	16.1	5.01	22.1	16979	578	925	-3846	-1233	79	87.2	2.8	320	205	
Light2	2022-07-26 01:25	16.1	5.03	22.1	1889	461	17424	-123	-652	-3011	5.1	84.9	326	447	
Light2	2022-07-26 01:26	15.7	5.01	22.1	11027	438	13428	-2131	-895	-2544	38.6	51.4	309	490	
Light2	2022-07-26 01:26	15.7	5.03	23.07	10284	1984	13921	-1882	-942	-2663	35.2	54.8	332	592	
Light2	2022-07-26 01:26	15.7	5.03	23.07	14487	322	9383	-2985	-867	-1870	56.9	33.1	306	304	
Light2	2022-07-26 01:26	15.7	5.03	23.07	14945	985	8035	-3034	-888	-1824	61.6	28.4	325	563	
Light2	2022-07-26 01:26	15.7	5.03	22.52	15729	-298	6068	-3379	-709	-1395	69.4	20.6	304	529	
Light2	2022-07-26 01:26	15.7	5.03	22.52	16920	1034	2282	-3748	-867	-591	82.4	7.6	351	419	
Light2	2022-07-26 01:26	15.7	5.03	22.52	3475	-338	17268	-285	-115	-3085	10.4	79.6	358	520	
Light2	2022-07-26 01:26	15.7	5.03	22.52	5076	82	16563	-567	-217	-3084	15.9	74.1	357	440	
Light2	2022-07-26 01:26	15.7	5.03	22.52	11912	-314	12230	-2050	-282	-2659	43.6	46.4	347	437	
Light2	2022-07-26 01:26	15.7	5.03	22.66	15070	339	8080	-3031	-387	-1869	61.9	28.1	348	510	
Light2	2022-07-26 01:26	15.7	5.03	22.66	16401	414	4914	-3447	-453	-1288	73.9	16.1	346	289	
Light2	2022-07-26 01:26	15.7	5.01	22.66	16918	749	2490	-3701	-497	-755	82.2	7.8	23	432	
Light2	2022-07-26 01:26	15.7	5.03	22.66	17016	890	-385	-3885	-513	-107	85.7	4.3	92	441	
Light2	2022-09-23 21:22	9	5.03	20.43	1355	-1034	16805	316	-26	-3069	3.4	86.6	355	249	
Light2	2022-09-23 21:22	9	5.03	22.17	5589	-194	15759	-627	-222	-3134	18.4	71.6	353	394	
Light2	2022-09-23 21:22	9	5.03	21.3	9139	-159	14529	-1502	-257	-2956	31.2	58.8	350	589	
Light2	2022-09-23 21:22	9	5.03	21.28	11748	-954	12308	-2131	-160	-2668	43	47.0	342	442	
Light2	2022-09-23 21:22	9	5.03	21.28	13477	736	10127	-2528	-410	-2398	52.7	37.3	358	371	
Light2	2022-09-23 21:22	9	5.03	21.28	15520	-85	7712	-3146	-388	-1824	63.7	26.3	337		

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration		
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-09-23 21:22		9	5.01	21.36	1207	574	17020	333	87	-3077	2.9	87.1	22	439
Light2	2022-09-23 21:22		9	5.03	21.56	7285	-405	15462	-928	216	-3103	24.2	65.8	17	350
Light2	2022-09-23 21:22		9	5.03	21.18	12159	167	12322	-2066	82	-2693	44	46.0	17	372
Light2	2022-09-23 21:22		9	5.03	21.18	14558	-371	8830	-2853	88	-2099	58.7	31.3	11	377
Light2	2022-09-23 21:22		9	5.03	21.43	15671	12	6393	-3316	87	-1553	68.2	21.8	27	510
Light2	2022-09-23 21:22		9	5.03	21.43	16606	-126	4460	-3471	114	-1300	75.8	14.2	23	557
Light2	2022-09-23 21:22		9	5.01	21.43	16395	548	1930	-3767	8	-642	84.2	5.8	66	311
Light2	2022-09-23 21:22		9	5.03	21.37	16906	386	-346	-3912	-16	-132	86.8	3.2	117	377
Light2	2022-09-23 21:22		9	5.01	21.22	5359	1730	15757	-700	207	-3129	17.5	72.5	45	340
Light2	2022-09-23 21:22		9	5.01	21.22	10972	723	13021	-1953	220	-2742	39.3	50.7	36	503
Light2	2022-09-23 21:22		9	5.03	21.2	13534	629	10579	-2633	198	-2288	51.5	38.5	40	334
Light2	2022-09-23 21:22		9	5.03	21.33	15416	274	7728	-3155	264	-1726	63.5	26.5	45	343
Light2	2022-09-23 21:22		9	5.03	21.33	16421	648	4487	-3554	188	-1088	75.3	14.7	60	404
Light2	2022-09-23 21:22		9	5.03	21.31	16331	693	3819	-3659	279	-806	77.5	12.5	71	475
Light2	2022-09-23 21:23		9	5.03	21.31	16594	394	1650	-3765	292	-483	85.4	4.6	75	226
Light2	2022-09-23 21:23		9	5.01	21.31	3018	225	16777	-198	572	-3102	9	81.0	47	457
Light2	2022-09-23 21:23	9.3	5.01	21.31	6577	-106	15788	-914	611	-3029	21.5	68.5	44	458	
Light2	2022-09-23 21:23	9.3	5.03	21.29	10920	-197	13092	-1979	617	-2644	39.1	50.9	45	462	
Light2	2022-09-23 21:23	9.3	5.03	21.29	12674	133	11424	-2429	562	-2345	47.5	42.5	50	586	
Light2	2022-09-23 21:23	9.3	5.03	21.29	14168	29	9363	-2875	535	-1952	56.4	33.6	53	588	
Light2	2022-09-23 21:23		9	5.03	21.2	15302	-95	7298	-3091	570	-1684	64.8	25.2	50	334
Light2	2022-09-23 21:23		9	5.03	21.2	15916	-245	6235	-3347	549	-1299	69.1	20.9	57	190
Light2	2022-09-23 21:23		9	5.03	21.2	16439	-329	4514	-3497	612	-956	75.4	14.6	60	500
Light2	2022-09-23 21:23		9	5.03	21.27	16686	-85	2604	-3674	548	-523	82.3	7.7	69	213
Light2	2022-09-23 21:23		9	5.03	21.27	17041	496	-603	-3833	448	26	85.9	4.1	245	331
Light2	2022-09-23 21:23		9	5.03	21.27	15431	-613	5239	-3447	483	-1159	71.9	18.1	48	338
Light2	2022-09-23 21:23		9	5.03	21.23	1882	-1253	16998	-11	993	-3004	5.1	84.9	52	560
Light2	2022-09-23 21:23		9	5.03	21.23	7706	338	15021	-1277	672	-2935	26.1	63.9	53	596
Light2	2022-09-23 21:23	9.3	5.03	21.57	10106	158	13816	-1918	628	-2676	35.3	54.7	55	437	
Light2	2022-09-23 21:23	9.3	5.03	21.06	12490	-850	11525	-2273	605	-2457	46.8	43.2	34	408	
Light2	2022-09-23 21:23	9.3	5.01	21.06	12785	-397	11418	-2499	653	-2265	47.7	42.3	51	541	
Light2	2022-09-23 21:23		9	5.03	21.06	15604	-325	7120	-3238	584	-1457	65.8	24.2	56	291
Light2	2022-09-23 21:23		9	5.03	21.21	16529	17	4747	-3449	509	-1137	74.7	15.3	57	296
Light2	2022-09-23 21:23		9	5.03	21.21	16598	17	2946	-3637	479	-725	81	9.0	64	204
Light2	2022-09-23 21:23		9	5.01	21.21	16538	-68	2586	-3678	492	-600	82.3	7.7	65	494
Light2	2022-09-23 21:23		9	5.01	21.27	5474	1080	15954	-1007	636	-3018	17.7	72.3	66	490
Light2	2022-09-23 21:23		9	5.03	21.13	10808	773	13212	-2224	590	-2497	38.4	51.6	66	470
Light2	2022-09-23 21:23		9	5.01	21.13	13123	382	11008	-2558	655	-2214	49.5	40.5	57	353
Light2	2022-09-23 21:23		9	5.03	21.08	13652	436	10675	-2802	647	-1993	51.6	38.4	66	413
Light2	2022-09-23 21:23		9	5.01	21.15	15774	705	5962	-3385	493	-1266	69.6	20.4	67	407
Light2	2022-09-23 21:23		9	5.03	21.19	16599	470	3912	-3610	553	-744	77.5	12.5	74	201
Light2	2022-09-23 21:23		9	5.03	21.19	16848	83	1037	-3780	565	-99	87.9	2.1	81	398
Light2	2022-09-23 21:23		9	5.01	21.21	3382	1135	16745	-659	686	-3064	10.2	79.8	72	498
Light2	2022-09-23 21:23		9	5.03	21.21	9192	928	14077	-1802	667	-2731	32.1	57.9	63	310
Light2	2022-09-23 21:23		9	5.03	21.1	14781	1183	8665	-3253	665	-1390	59.3	30.7	81	413
Light2	2022-09-23 21:23		9	5.03	21.17	15816	287	7102	-3422	697	-1062	66.1	23.9	78	263
Light2	2022-09-23 21:23		9	5.01	21.17	16219	487	4363	-3631	623	-614	75.6	14.4	80	305
Light2	2022-09-23 21:24		9	5.01	21.19	16845	203	870	-3802	571	74	88.3	1.7	89	361
Light2	2022-09-23 21:24		9	5.03	21.19	10941	-1206	12996	-2767	653	-2003	39.3	50.7	101	590
Light2	2022-09-23 21:24		9	5.03	21.19	4556	61	16406	-1177	802	-2934	14.4	75.6	83	467
Light2	2022-09-23 21:24		9	5.03	21.1	5885	369	15489	-1404	742	-2871	19.7	70.3	78	532
Light2	2022-09-23 21:24		9	5.03	21	10519	76	13440	-2281	861	-2360	37.2	52.8	75	580
Light2	2022-09-23 21:24		9	5.01	21	13635	-94	10521	-2871	877	-1789	52	38.0	73	316
Light2	2022-09-23 21:24		9	5.03	21.14	14799	-199	8576	-3173	862	-1387	59.9	30.1	74	455
Light2	2022-09-23 21:24		9	5.03	21.14	15391	217	7933	-3360	842	-1076	62.8	27.2	81	467
Light2	2022-09-23 21:24		9	5.03	21.16	16657	-224	2958	-3675	784	-217	81	9.0	79	430
Light2	2022-09-23 21:24		9	5.01	21.16	16908	-203	956	-3740	821	328	88.1	1.9	81	94
Light2	2022-09-23 21:24		9	5.03	21.3	2673	-390	16568	-972	1093	-2880	8	82.0	92	389
Light2	2022-09-23 21:24		9	5.03	21.3	3844	-246	16824	-1000	1103	-2868	11.7	78.3	83	383
Light2	2022-09-23 21:24		9	5.01	21.08	8510	540	14570	-2059	756	-2549	29.3	60.7	84	521
Light2	2022-09-23 21:24		9	5.01	21.08	12000	534	11361	-2669	779	-2046	46	44.0	75	494
Light2	2022-09-23 21:24		9	5.03	21.08	12508	-174	11320	-2903	734	-1827	47.4	42.6	83	556
Light2	2022-09-23 21:24		9	5.03	21.19	13958	1378	10553	-3172	669	-1515	52.2	37.8	88	413
Light2	2022-09-23 21:24		9	5.03	21.19	14946	137	8611	-3324	862	-1129	60	30.0	84	465
Light2	2022-09-23 21:24		9	5.01	21.19	15250	-410	7862	-3432	948	-789	62.9	27.1	86	486
Light2	2022-09-23 21:24		9	5.03	21.16	16687	-623	3910	-3642	893	-198	77.6	12.4	80	489
Light2	2022-09-23 21:24	8.7	5.03	21.16	16569	-364	2145	-3702	897	268	83.8	6.2	84	404	
Light2	2022-09-23 21:24	8.7	5.03	21.17	1816	-1004	17056	-883	1209	-2856	4.9	85.1	97	349	
Light2	2022-09-23 21:24	8.7	5.01	21.54	9582	-856	13919	-2437	1046	-2163	33.6	56.4	93	488	
Light2	2022-09-23 21:24	8.7	5.01	21.54	12855	-202	11055	-3084	902	-1509	48.9	41.1	91	249	
Light2	2022-09-23 21:24	8.7	5.01	21.21	14589	-280	9357	-3354	922	-1015	57.2	32.8	90	550	
Light2	2022-09-23 21:25	8.7	5.01	21.21	15330	-130	7370	-3515	883	-645	64.6	25.4	88	390	
Light2	2022-09-23 21:25	8.7	5.01	21.28	15810	-381	6063	-3592	873	-405	69.5	20.5	86	303	
Light2	2022-09-23 21:25	8.7	5.01	21.28	16361	-104	3839	-3713	808	94	77.7	12.3	87	256	
Light2	2022-09-23 21:25	8.7	5.03	21.17	16940	-8	1497	-3760	765	667	86.3	3.7	91	357	
Light2	2022-09-23 21:25	8.7	5.01	21.24	882	-563	17267	-878	1070	-2917	1.7	88.3	106	352	
Light2	2022-09-23 21:25	8.7	5.03	21.24	5525	-71	16824	-1920	904	-2575	17	73.0	112	309	
Light2	2022-09-23 21:25	8.7	5.03	21.92	6407	-327	15951	-2058	879	-2496	20.8	69.2	110	424	
Light2	2022-09-23 21:25	8.7	5.03	20.94	11164	-167	12824	-2818	877	-1845	40.3	49.7	96	310	
Light2	2022-09-23 21:25	8.7	5.03	21.22	12056	-189	11912	-3118	767	-1533	44.8	45.2	102	435	
Light2	2022-09-23 21:25	8.7	5.03	21.31	14551	-552	8463	-3506	826	-730	59.8	30.2	94	405	
Light2	2022-09-23 21:25	8.7	5.03	21.29	15682	45	5740	-3714	737	-113	70.5	19.5	90	345	
Light2	2022-09-23 21:25	8.7	5.01</												

ID	Local Date & Time	Temperature	MSAS									Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-09-23 21:25	8.3	5.03	21.18	7622	-125	14812	-2347	717	-2374	26.2	63.8	111	461	
Light2	2022-09-23 21:25	8.3	5.01	21.62	7785	-104	14835	-2482	697	-2257	26.7	63.3	117	316	
Light2	2022-09-23 21:25	8.3	5.03	21.62	11238	-182	13105	-3149	679	-1547	39.9	50.1	116	257	
Light2	2022-09-23 21:25	8.3	5.03	20.98	12666	-424	11161	-3366	733	-1149	48.2	41.8	108	370	
Light2	2022-09-23 21:25	8.3	5.03	21.31	13201	-364	10644	-3512	696	-862	50.8	39.2	109	410	
Light2	2022-09-23 21:25	8.3	5.03	21.31	13958	41	9722	-3633	613	-603	54.9	35.1	107	528	
Light2	2022-09-23 21:25	8.3	5.03	21.31	14223	-453	8964	-3622	637	-595	57.7	32.3	104	595	
Light2	2022-09-23 21:25	8.3	5.03	21.35	15282	-255	7281	-3736	617	-224	64.8	25.2	97	592	
Light2	2022-09-23 21:25	8.3	5.03	21.35	15328	-896	7432	-3715	711	-161	64.3	25.7	97	550	
Light2	2022-09-23 21:25	8.3	5.03	21.34	15828	-562	5861	-3808	617	209	70.2	19.8	93	393	
Light2	2022-09-23 21:25	8.3	5.01	21.23	16719	-598	2906	-3819	587	896	81.1	8.9	91	569	
Light2	2022-09-23 21:25	8.3	5.01	21.23	16755	-218	120	-3721	528	1501	88.6	1.4	325	529	
Light2	2022-09-23 21:26	8.3	5.01	21.15	16813	86	846	-3726	536	1478	88.5	1.5	126	293	
Light2	2022-09-23 21:26	8.3	5.03	21.36	922	-411	16888	-1403	470	-2931	1.9	88.1	147	573	
Light2	2022-09-23 21:26	8.3	5.03	21.36	535	-267	17519	-1509	545	-2875	0.5	89.5	147	339	
Light2	2022-09-23 21:26	8.3	5.03	22.31	5041	-193	16209	-2425	332	-2410	16.1	73.9	153	590	
Light2	2022-09-23 21:26	8.3	5.03	21.21	11147	-147	13522	-3383	244	-1375	38.7	51.3	147	354	
Light2	2022-09-23 21:26	8.3	5.03	21.33	13505	-286	10383	-3749	169	-614	52.1	37.9	141	390	
Light2	2022-09-23 21:26	8.3	5.03	21.33	15585	173	7707	-3934	101	152	63.8	26.2	115	355	
Light2	2022-09-23 21:26	8	5.03	21.23	16374	267	3586	-3954	12	1033	78.6	11.4	78	532	
Light2	2022-09-23 21:26	8	5.03	21.37	2287	272	17048	-1930	-89	-2773	6.5	83.5	173	375	
Light2	2022-09-23 21:26	8	5.03	21.37	8875	133	13635	-3124	-81	-1843	32.2	57.8	172	579	
Light2	2022-09-23 21:26	8	5.03	22.11	9800	-341	13921	-3294	-79	-1610	34.3	55.7	178	460	
Light2	2022-09-23 21:26	8	5.03	22.11	12462	-1069	11618	-3613	52	-1022	46.4	43.6	173	528	
Light2	2022-09-23 21:26	8	5.03	21.2	14588	-810	7547	-3931	-81	-87	62.8	27.2	179	396	
Light2	2022-09-23 21:26	8	5.03	21.25	15482	-322	6949	-3982	-109	260	66.2	23.8	162	503	
Light2	2022-09-23 21:26	8	5.03	21.13	16479	151	3857	-3994	-257	995	77.7	12.3	287	313	
Light2	2022-09-23 21:27	8	5.03	21.11	462	655	17401	-1591	-484	-2903	0.3	89.7	190	379	
Light2	2022-09-23 21:27	8	5.03	21.11	8021	590	14792	-2935	-521	-2038	27.4	62.6	199	428	
Light2	2022-09-23 21:27	8	5.03	21.98	11096	-401	13068	-3429	-406	-1453	39.6	50.4	209	551	
Light2	2022-09-23 21:27	8	5.03	21.98	12261	-328	11941	-3632	-440	-1073	45.2	44.8	214	517	
Light2	2022-09-23 21:27	8	5.03	21.07	15317	-848	7688	-3990	-430	51	63.4	26.6	247	391	
Light2	2022-09-23 21:27	7.7	5.03	21.08	16355	-290	3061	-3980	-571	1172	80.5	9.5	266	487	
Light2	2022-09-23 21:27	7.7	5.03	21.08	17302	319	-499	-3811	-666	1794	86.5	3.5	9	358	
Light2	2022-09-23 21:27	7.7	5.03	21.12	452	636	17509	-1537	-678	-2893	0.3	89.7	201	548	
Light2	2022-09-23 21:27	7.7	5.03	21.12	9579	-341	14284	-3147	-696	-1804	32.9	57.1	223	599	
Light2	2022-09-23 21:27	7.7	5.03	21.12	12519	-634	11647	-3611	-714	-1107	46.5	43.5	237	530	
Light2	2022-09-23 21:27	7.7	5.01	22.02	14640	-64	8390	-3871	-829	-397	60.2	29.8	256	400	
Light2	2022-09-23 21:27	7.7	5.03	21.03	15952	127	5958	-3997	-903	302	70	20.0	267	383	
Light2	2022-09-23 21:27	7.7	5.03	21.06	16734	237	3391	-4000	-930	862	79.5	10.5	269	414	
Light2	2022-09-23 21:27	7.7	5.03	21.06	16869	620	724	-3875	-1039	1475	87.5	2.5	277	368	
Light2	2022-09-23 21:27	7.7	5.03	21.06	16252	566	-620	-3842	-1049	1618	85.5	4.5	37	358	
Light2	2022-09-23 21:27	7.7	5.03	21.13	2250	721	16804	-1559	-1059	-2798	6.4	83.6	228	444	
Light2	2022-09-23 21:27	7.7	5.03	21.98	9199	565	14541	-2882	-1175	-1966	31.3	58.7	242	423	
Light2	2022-09-23 21:27	7.7	5.03	21.98	12251	891	11718	-3324	-1310	-1406	45.6	44.4	257	460	
Light2	2022-09-23 21:27	7.7	5.01	21.98	12419	697	11804	-3447	-1244	-1240	45.8	44.2	252	235	
Light2	2022-09-23 21:27	7.7	5.03	21.23	14401	684	9205	-3696	-1262	-702	57.2	32.8	262	456	
Light2	2022-09-23 21:27	7.7	5.03	21.23	14619	733	8783	-3738	-1243	-602	58.8	31.2	263	512	
Light2	2022-09-23 21:27	7.7	5.01	21.17	16280	1503	4873	-3919	-1374	348	73.1	16.9	272	248	
Light2	2022-09-23 21:27	7.7	5.03	21.16	16738	1100	5185	-3921	-1331	264	72.9	17.1	272	555	
Light2	2022-09-23 21:27	7.7	5.03	21.16	16729	1062	2195	-3906	-1357	918	82.6	7.4	274	409	
Light2	2022-09-23 21:28	7.7	5.03	21.15	16828	610	-257	-3855	-1291	1366	86.6	3.4	37	344	
Light2	2022-09-23 21:28	7.7	5.01	21.53	1722	849	17413	-1187	-1189	-2864	4.6	85.4	242	517	
Light2	2022-09-23 21:28	7.7	5.03	21.99	8350	221	15263	-2419	-1218	-2338	27.6	62.4	254	402	
Light2	2022-09-23 21:28	7.7	5.03	21.99	8308	35	15190	-2431	-1184	-2334	27.6	62.4	254	554	
Light2	2022-09-23 21:28	7.7	5.03	21.35	11371	1571	11702	-2829	-1361	-1950	43.3	46.7	276	588	
Light2	2022-09-23 21:28	7.4	5.03	21.18	11244	483	13020	-2980	-1258	-1844	40	50.0	259	308	
Light2	2022-09-23 21:28	7.4	5.03	21.18	13438	425	10706	-3333	-1282	-1391	51	39.0	267	591	
Light2	2022-09-23 21:28	7.4	5.03	21.26	16001	-159	5718	-3813	-1207	-412	70.9	19.1	274	328	
Light2	2022-09-23 21:28	7.4	5.03	21.26	16509	33	4335	-3880	-1237	-102	76.1	13.9	275	560	
Light2	2022-09-23 21:28	7.4	5.01	21.24	16777	369	919	-3935	-1312	635	87.8	2.2	283	484	
Light2	2022-09-23 21:28	7.4	5.03	21.16	16461	479	-434	-3902	-1335	1025	86.3	3.7	71	248	
Light2	2022-09-23 21:28	7.4	5.03	21.16	2629	-251	16827	-857	-984	-2973	7.7	82.3	272	313	
Light2	2022-09-23 21:28	7.4	5.03	21.16	9832	647	13832	-2324	-1189	-2402	34.5	55.5	279	312	
Light2	2022-09-23 21:28	7.4	5.03	21.84	10224	278	13430	-2345	-1154	-2399	36.4	53.6	283	317	
Light2	2022-09-23 21:28	7.4	5.03	21.84	13411	372	10912	-3065	-1250	-1750	50.4	39.6	279	393	
Light2	2022-09-23 21:28	7.4	5.03	21.33	13616	388	10513	-3092	-1251	-1721	51.9	38.1	281	457	
Light2	2022-09-23 21:28	7.4	5.03	21.33	15611	229	6874	-3578	-1258	-965	66.5	23.5	280	453	
Light2	2022-09-23 21:28	7.4	5.01	21.33	15564	211	7017	-3596	-1251	-931	66	24.0	279	411	
Light2	2022-09-23 21:28	7.4	5.03	21.4	16422	965	2418	-3880	-1391	65	81.9	8.1	285	464	
Light2	2022-09-23 21:28	7.4	5.01	21.4	16518	698	1908	-3897	-1338	95	84.1	5.9	286	188	
Light2	2022-09-23 21:28	7.4	5.01	21.4	16100	1173	1409	-3941	-1275	292	84.3	5.7	297	487	
Light2	2022-09-23 21:28	7.4	5.01	21.2	16684	49	-1350	-3968	-1175	735	83.5	6.5	88	228	
Light2	2022-09-23 21:28	7.4	5.03	21.2	2347	120	17096	-532	-954	-3007	6.7	83.3	290	297	
Light2	2022-09-23 21:28	7.4	5.03	21.2	3240	177	16881	-686	-983	-2990	9.7	80.3	291	470	
Light2	2022-09-23 21:28	7	5.03	21.92	9789	73	13852	-2092	-975	-2595	34.4	55.6	294	573	
Light2	2022-09-23 21:28	7	5.03	21.92	9470	-83	14168	-2023	-944	-2642	32.8	57.2	293	412	
Light2	2022-09-23 21:28	7	5.03	21.92	11932	457	12340	-2556	-1068	-2286	43.4	46.6	294	423	
Light2	2022-09-23 21:28	7	5.03	21.37	12053	509	12392	-2540	-1089	-2286	43.5	46.5	295	545	
Light2	2022-09-23 21:29	7	5.03	21.37	13848	995	9535	-2959	-1199	-1888	55.1	34.9	301	230	
Light2	2022-09-23 21:29	7	5.03	21.37	14449	458	9417	-3125	-1182	-1720	56.7	33.3	291	388	
Light2	2022-09-23 21:29	7	5.01	21.43	15952	821	5806	-3571	-1228	-1017	70.3	19.7	292	153	
Light2	2022-09-23 21:29	7	5.03	21.43	16038</										

ID	Local Date & Time	Temperature	MSAS										Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz						
Light2	2022-09-23 21:29	7	5.03	21.39	16730	845	-1839	-3957	-1259		620	81.3	8.7	86	241	
Light2	2022-09-23 21:29	7	5.01	21.16	1525	-321	17049	-98	-739	-3040		3.9	86.1	310	399	
Light2	2022-09-23 21:29	7	5.03	21.16	8601	164	15297	-1634	-855	-2829		28.3	61.7	307	523	
Light2	2022-09-23 21:29	7	5.03	21.87	13162	1350	11131	-2517	-1095	-2298		49	41.0	319	402	
Light2	2022-09-23 21:29	7	5.03	21.87	13239	1150	10515	-2732	-1126	-2117		51	39.0	309	476	
Light2	2022-09-23 21:29	7	5.03	21.87	15098	1520	7165	-3150	-1155	-1711		64.2	25.8	324	564	
Light2	2022-09-23 21:29	7	5.03	21.87	15963	1742	4777	-3486	-1206	-1190		72.8	17.2	329	534	
Light2	2022-09-23 21:29	7	5.03	21.46	16125	1075	5401	-3518	-1190	-1145		71.6	18.4	305	134	
Light2	2022-09-23 21:29	7	5.03	21.46	16545	1395	2106	-3808	-1222	-432		82.1	7.9	336	281	
Light2	2022-09-23 21:29	7	5.03	21.39	16961	1198	1906	-3837	-1199	-357		83.2	6.8	330	320	
Light2	2022-09-23 21:29	7	5.03	21.39	16740	1177	-1491	-3961	-1103	150		81.9	8.1	89	479	
Light2	2022-09-23 21:29	7	5.01	21.39	16777	297	-466	-3972	-1064	194		86.5	3.5	91	517	
Light2	2022-09-23 21:29	7	5.03	21.2	16326	1246	-661	-3965	-1103	148		83.9	6.1	85	441	
Light2	2022-09-23 21:29	7	5.03	21.2	161	380	17246	216	-635	-3014		-0.7	90.7	325	347	
Light2	2022-09-23 21:29	7	5.03	21.2	173	491	17544	247	-648	-3009		-0.7	90.7	327	568	
Light2	2022-09-23 21:29	7	5.03	21.3	11549	675	12956	-2144	-844	-2602		40.9	49.1	322	345	
Light2	2022-09-23 21:29	7	5.03	21.3	15049	1160	7994	-3168	-913	-1755		61.8	28.2	322	553	
Light2	2022-09-23 21:29	7	5.03	21.3	15462	941	7029	-3300	-858	-1617		65.6	24.4	323	195	
Light2	2022-09-23 21:29	7	5.03	21.45	16920	765	2558	-3771	-939	-693		82	8.0	323	281	
Light2	2022-09-23 21:29	7	5.03	21.28	16374	1889	-2027	-3973	-1105	221		78.8	11.2	88	348	
Light2	2022-09-23 21:29	6.7	5.03	21.7	1967	-345	17169	86	-269	-3099		5.4	84.6	347	307	
Light2	2022-09-23 21:29	6.7	5.03	21.7	5808	622	16379	-662	-473	-3105		18.4	71.6	347	350	
Light2	2022-09-23 21:29	7	5.03	21.56	15831	910	6356	-3372	-646	-1542		68.3	21.7	342	568	
Light2	2022-09-23 21:29	6.7	5.03	21.56	16602	711	2106	-3798	-542	-717		83.4	6.6	25	444	
Light2	2022-09-23 21:29	6.7	5.03	21.36	16707	-341	-1378	-3991	-289	68		83.3	6.7	113	201	
Light2	2022-09-23 21:30	6.7	5.03	21.1	15274	-710	-5642	-3950	37	1016		67.2	22.8	234	544	
Light2	2022-09-23 21:30	6.7	5.03	21.15	13897	-1792	10112	-3212	-777	-1731		53.3	36.7	277	190	
Light2	2022-09-29 21:20	7.7	5.03	20.65	1450	-179	17926	213	29	-3100		3.6	86.4	10	593	
Light2	2022-09-29 21:20	7.7	5.03	20.65	2618	-225	16965	5	23	-3126		7.6	82.4	9	587	
Light2	2022-09-29 21:20	7.7	5.03	22.3	8440	325	14877	-1266	-204	-3031		28.5	61.5	2	144	
Light2	2022-09-29 21:20	7.7	5.03	21.3	13213	-781	11007	-2427	-74	-2489		49.8	40.2	351	259	
Light2	2022-09-29 21:20	7.7	5.03	21.3	14160	800	9622	-2872	-213	-2137		55.5	34.5	17	465	
Light2	2022-09-29 21:20	7.7	5.03	21.47	16031	213	6174	-3355	-231	-1581		69.4	20.6	1	576	
Light2	2022-09-29 21:20	7.7	5.03	21.47	16148	186	5701	-3372	-234	-1544		71.1	18.9	0	419	
Light2	2022-09-29 21:20	7.7	5.01	21.51	16630	-486	1494	-3772	-207	-765		86	4.0	303	371	
Light2	2022-09-29 21:20	7.7	5.03	21.39	17042	167	1736	-3740	-143	-815		85.4	4.6	29	522	
Light2	2022-09-29 21:21	8	5.03	21.61	4460	-291	16473	-469	635	-3090		14	76.0	44	496	
Light2	2022-09-29 21:21	8	5.03	21.14	8850	389	14088	-1469	498	-2913		31.2	58.8	43	408	
Light2	2022-09-29 21:21	8	5.03	21.14	11948	113	11982	-2167	458	-2580		44.3	45.7	39	481	
Light2	2022-09-29 21:21	8	5.03	21.24	14022	-387	10094	-2782	491	-2087		54	36.0	44	231	
Light2	2022-09-29 21:21	8	5.03	21.4	15412	-75	7220	-3226	417	-1588		65.2	24.8	49	485	
Light2	2022-09-29 21:21	8	5.01	21.4	16247	-12	5084	-3462	376	-1217		73.3	16.7	51	201	
Light2	2022-09-29 21:21	8	5.03	21.33	16754	-275	1979	-3726	383	-573		84.5	5.5	49	502	
Light2	2022-09-29 21:21	8	5.03	21.33	16624	-94	2135	-3743	380	-546		83.9	6.1	61	310	
Light2	2022-09-29 21:21	8	5.01	21.49	3758	526	16660	-577	763	-3053		11.5	78.5	63	479	
Light2	2022-09-29 21:21	8	5.03	21.1	10347	-554	13834	-1976	879	-2565		35.9	54.1	59	355	
Light2	2022-09-29 21:21	8	5.01	21.1	11017	-128	12978	-2121	852	-2481		39.6	50.4	60	510	
Light2	2022-09-29 21:21	8	5.03	21.22	13521	-52	10977	-2629	693	-2142		50.5	39.5	57	565	
Light2	2022-09-29 21:21	8	5.03	21.26	14113	361	9739	-2985	535	-1851		55.1	34.9	65	522	
Light2	2022-09-29 21:21	8	5.03	21.33	16227	-443	4674	-3509	581	-1004		74.7	15.3	57	446	
Light2	2022-09-29 21:21	8	5.03	21.29	16558	-144	-224	-3808	491	-95		87.5	2.5	260	308	
Light2	2022-09-29 21:21	8	5.03	21.29	17021	266	627	-3809	507	-61		88.7	1.3	94	560	
Light2	2022-09-29 21:22	8	5.01	21.29	1718	148	16682	-495	972	-3004		4.7	85.3	80	243	
Light2	2022-09-29 21:22	8	5.01	21.49	12463	130	11950	-2757	793	-1979		45.6	44.4	79	489	
Light2	2022-09-29 21:22	8	5.03	21.25	14611	7	9008	-3252	824	-1315		58.3	31.7	81	208	
Light2	2022-09-29 21:22	8	5.03	21.25	16301	-98	5016	-3567	753	-708		73.6	16.4	76	409	
Light2	2022-09-29 21:22	8	5.03	21.25	16246	-142	4909	-3587	860	-531		73.9	16.1	80	403	
Light2	2022-09-29 21:22	8	5.01	21.24	17035	-6	1571	-3746	816	219		86	4.0	85	479	
Light2	2022-09-29 21:22	8	5.01	21.24	16826	121	-69	-3761	804	572		88.1	1.9	265	451	
Light2	2022-09-29 21:22	8	5.03	21.23	3409	516	16844	-1096	925	-2913		10.2	79.8	92	496	
Light2	2022-09-29 21:22	8	5.03	21.23	10179	-234	13813	-2477	941	-2171		35.5	54.5	90	454	
Light2	2022-09-29 21:22	8	5.03	21.26	13253	-1	10836	-3106	897	-1496		50.3	39.7	89	497	
Light2	2022-09-29 21:22	8	5.03	21.3	15814	-242	6376	-3566	901	-496		68.5	21.5	86	333	
Light2	2022-09-29 21:22	8	5.01	21.3	15862	-85	6662	-3581	886	-470		67.6	22.4	88	369	
Light2	2022-09-29 21:22	8	5.03	21.3	16084	-402	6645	-3635	820	-368		67.9	22.1	89	250	
Light2	2022-09-29 21:22	8	5.01	21.29	16220	-522	4655	-3663	886	-110		74.7	15.3	85	493	
Light2	2022-09-29 21:22	8	5.03	21.24	16626	-278	3367	-3714	861	222		79.5	10.5	87	214	
Light2	2022-09-29 21:22	8	5.01	21.24	16921	127	1620	-3768	776	590		85.8	4.2	91	305	
Light2	2022-09-29 21:22	8	5.01	21.22	16772	-233	435	-3730	851	823		89.3	0.7	17	405	
Light2	2022-09-29 21:22	8	5.03	21.22	16894	-377	-82	-3722	849	877		87.8	2.2	285	552	
Light2	2022-09-29 21:22	8	5.03	21.22	16913	-430	-717	-3682	878	1097		85.6	4.4	283	590	
Light2	2022-09-29 21:22	8	5.03	21.47	10771	665	13308	-2861	668	-1913		38.1	51.9	104	538	
Light2	2022-09-29 21:22	8	5.03	21.47	11446	812	12527	-2965	796	-1722		41.6	48.4	99	599	
Light2	2022-09-29 21:22	8	5.03	21.47	12721	298	11552	-3122	787	-1532		47.2	42.8	96	147	
Light2	2022-09-29 21:23	8	5.03	21.28	13807	585	10421	-3398	690	-1135		52.5	37.5	99	366	
Light2	2022-09-29 21:23	8	5.03	21.28	14241	570	8959	-3527	681	-852		57.7	32.3	97	536	
Light2	2022-09-29 21:23	8	5.01	21.39	15678	36	6634	-3667	766	-341		67.4	22.6	91	515	
Light2	2022-09-29 21:23	8	5.03	21.35	16328	168	4556	-3772	699	140		75.2	14.8	89	500	
Light2	2022-09-29 21:23	8	5.03	21.35	16965	135	3030	-3789	743	659		80.9	9.1	91	399	
Light2	2022-09-29 21:23	8	5.03	21.2	16683	515	221	-3784	665	1034		87.9	2.1	259	388	
Light2	2022-09-29 21:23	8	5.01	21.5	3859	-903	16736	-1827	779	-2673		11.8	78.2	130	441	
Light2	2022-09-29 21:23	8	5.03	21.08	10728	-										

ID	Local Date & Time	Temperature	MSAS										Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz						
Light2	2022-09-29 21:23		8	5.03	21.26	16784	-535	1205	-3771	571	1293	86.8	3.2	92	580	
Light2	2022-09-29 21:23		8	5.03	21.26	16541	-179	115	-3696	619	1512	88.7	1.3	310	537	
Light2	2022-09-29 21:23		8	5.03	21.23	1251	864	17024	-1572	319	-2903	3	87.0	144	475	
Light2	2022-09-29 21:23		8	5.03	21.72	8246	270	14822	-2874	293	-2035	28.1	61.9	144	227	
Light2	2022-09-29 21:23		8	5.03	21.72	11772	315	12266	-3459	272	-1266	43.2	46.8	135	411	
Light2	2022-09-29 21:23		8	5.03	21.22	14113	197	9366	-3736	254	-606	56.3	33.7	121	555	
Light2	2022-09-29 21:23		8	5.01	21.22	15053	44	8419	-3868	296	-118	60.8	29.2	112	489	
Light2	2022-09-29 21:23		8	5.01	21.42	14887	160	8684	-3848	285	-191	59.7	30.3	114	517	
Light2	2022-09-29 21:23		8	5.03	21.42	15911	257	6737	-3915	281	206	67.4	22.6	100	327	
Light2	2022-09-29 21:23		8	5.01	21.42	16392	149	4636	-3931	234	848	74.9	15.1	85	419	
Light2	2022-09-29 21:23		8	5.01	21.34	16880	216	2170	-3870	241	1252	83.8	6.2	104	472	
Light2	2022-09-29 21:24		7.7	5.01	21.34	16984	387	835	-3797	234	1571	87.9	2.1	240	465	
Light2	2022-09-29 21:24		7.7	5.03	21.22	1558	294	16949	-1838	95	-2808	4.1	85.9	164	552	
Light2	2022-09-29 21:24		8	5.03	21.57	9530	-68	14188	-3261	68	-1651	33	57.0	164	543	
Light2	2022-09-29 21:24		8	5.01	21.57	11279	-79	12691	-3440	48	-1365	40.9	49.1	161	245	
Light2	2022-09-29 21:24		8	5.03	21.57	13546	-341	10269	-3792	54	-581	52.5	37.5	154	539	
Light2	2022-09-29 21:24		8	5.03	21.31	14989	-123	8011	-3922	63	-74	62	28.0	131	527	
Light2	2022-09-29 21:24		8	5.01	21.31	15256	-504	7697	-3953	63	144	63.4	26.6	127	334	
Light2	2022-09-29 21:24		8	5.03	21.31	15790	419	6195	-3985	15	442	69	21.0	103	315	
Light2	2022-09-29 21:24		7.7	5.01	21.31	15911	-267	5488	-3980	46	487	71.6	18.4	98	400	
Light2	2022-09-29 21:24		7.7	5.03	21.38	15898	-149	5761	-3987	19	537	70.6	19.4	96	390	
Light2	2022-09-29 21:24		7.7	5.01	21.32	16427	-77	4448	-3982	3	875	75.7	14.3	76	391	
Light2	2022-09-29 21:24		7.7	5.01	21.27	16647	-455	2376	-3962	3	1068	83	7.0	92	387	
Light2	2022-09-29 21:24		7.7	5.03	21.24	16483	365	-259	-3800	-40	1759	87	3.0	291	459	
Light2	2022-09-29 21:24		7.7	5.03	21.23	1097	604	17146	-1812	-351	-2827	2.5	87.5	184	518	
Light2	2022-09-29 21:24		7.7	5.03	21.23	7948	204	15294	-3025	-412	-1973	26.4	63.6	195	297	
Light2	2022-09-29 21:24		7.7	5.03	21.94	13714	595	10010	-3867	-541	-530	53.5	36.5	224	385	
Light2	2022-09-29 21:24		7.7	5.03	21.94	15504	731	6938	-4026	-638	312	66	24.0	260	313	
Light2	2022-09-29 21:24		7.7	5.03	21.23	15130	646	8046	-4030	-605	355	62	28.0	258	392	
Light2	2022-09-29 21:24		7.7	5.01	21.23	16630	413	3469	-3991	-507	1155	79.1	10.9	270	287	
Light2	2022-09-29 21:24		7.7	5.03	21.18	16642	306	1677	-3940	-516	1430	85.4	4.6	258	289	
Light2	2022-09-29 21:24		7.7	5.01	21.18	16775	251	190	-3794	-504	1847	88.6	1.4	297	259	
Light2	2022-09-29 21:24		7.7	5.03	21.18	2623	740	17092	-2034	-709	-2683	7.6	82.4	202	310	
Light2	2022-09-29 21:24		7.7	5.03	22.05	2862	-568	16863	-2042	-566	-2705	8.4	81.6	208	463	
Light2	2022-09-29 21:24		7.7	5.03	22.05	9158	-428	14737	-3115	-645	-1859	30.9	59.1	219	359	
Light2	2022-09-29 21:24		7.7	5.03	22.05	12650	13	11480	-3696	-699	-944	47.3	42.7	231	467	
Light2	2022-09-29 21:24		7.7	5.01	21.75	14823	41	8437	-3949	-747	-173	60.4	29.6	253	445	
Light2	2022-09-29 21:24		7.7	5.03	21.14	15772	-40	6212	-4020	-745	340	69	21.0	266	436	
Light2	2022-09-29 21:25		7.7	5.03	21.15	16707	100	3506	-3997	-773	995	79.1	10.9	269	276	
Light2	2022-09-29 21:25		7.7	5.03	21.16	16626	70	1590	-3927	-787	1428	85.9	4.1	257	578	
Light2	2022-09-29 21:25		7.7	5.03	21.18	16697	-10	-669	-3777	-760	1926	86	4.0	53	407	
Light2	2022-09-29 21:25		7.7	5.03	21.18	16688	-101	-1640	-3773	-770	1922	82.5	7.5	62	469	
Light2	2022-09-29 21:25		7.7	5.03	21.22	7	15	17190	-1248	-870	-2933	-1.2	91.2	220	215	
Light2	2022-09-29 21:25		7.7	5.03	21.22	7301	344	15521	-2658	-1024	-2220	24.1	65.9	231	438	
Light2	2022-09-29 21:25		7.7	5.03	22.15	11536	373	13125	-3407	-1049	-1390	40.5	49.5	240	543	
Light2	2022-09-29 21:25		7.7	5.03	22.15	13947	654	9937	-3739	-1151	-672	54.2	35.8	256	377	
Light2	2022-09-29 21:25		7.7	5.03	21.1	15551	105	7514	-3924	-1040	-177	64.4	25.6	264	554	
Light2	2022-09-29 21:25		7.7	5.03	21.12	16099	-332	5711	-3996	-1020	333	71	19.0	269	437	
Light2	2022-09-29 21:25		7.4	5.03	21.13	16576	143	3460	-3997	-1097	750	79.2	10.8	270	503	
Light2	2022-09-29 21:25		7.4	5.03	21.16	16750	697	176	-3885	-1180	1401	87.2	2.8	315	440	
Light2	2022-09-29 21:25		7.4	5.01	21.16	16690	535	-2062	-3735	-1203	1868	80.9	9.1	61	546	
Light2	2022-09-29 21:25		7.4	5.03	21.23	1438	297	16814	-1206	-1124	-2876	3.7	86.3	240	472	
Light2	2022-09-29 21:25		7.4	5.01	21.23	2145	856	16781	-1389	-1259	-2795	6.1	83.9	239	342	
Light2	2022-09-29 21:25		7.4	5.03	21.23	7165	58	15588	-2390	-1120	-2387	23.6	66.4	244	384	
Light2	2022-09-29 21:25		7.4	5.03	22.07	7529	704	15229	-2398	-1159	-2365	25.2	64.8	245	503	
Light2	2022-09-29 21:25		7.4	5.03	21.6	12762	-356	11384	-3376	-1172	-1397	47.8	42.2	260	522	
Light2	2022-09-29 21:26		7.4	5.03	21.24	15853	-135	6816	-3790	-1252	-466	67.1	22.9	271	403	
Light2	2022-09-29 21:26		7.4	5.03	21.23	16225	131	4727	-3889	-1321	-67	74.5	15.5	274	370	
Light2	2022-09-29 21:26		7.4	5.03	21.23	16700	184	4077	-3922	-1293	132	77.1	12.9	273	366	
Light2	2022-09-29 21:26		7.4	5.03	21.23	17008	-8	2565	-3949	-1299	419	82.5	7.5	272	589	
Light2	2022-09-29 21:26		7.4	5.03	21.17	16880	-242	-173	-3930	-1226	1130	87.7	2.3	87	528	
Light2	2022-09-29 21:26		7.4	5.03	21.2	-1547	314	17462	-79	-1159	-2884	-6.5	96.5	267	391	
Light2	2022-09-29 21:26		7.4	5.03	21.2	6894	-152	16162	-1870	-1162	-2650	22	68.0	265	419	
Light2	2022-09-29 21:26		7	5.03	22.39	12629	275	11512	-2874	-1253	-1952	47.1	42.9	281	480	
Light2	2022-09-29 21:26		7	5.03	22.39	14476	178	8747	-3372	-1286	-1344	58.8	31.2	279	382	
Light2	2022-09-29 21:26		7	5.03	21.37	15414	435	6901	-3584	-1347	-916	66.1	23.9	280	339	
Light2	2022-09-29 21:26		7	5.03	21.37	15894	378	6472	-3686	-1385	-656	68.2	21.8	277	526	
Light2	2022-09-29 21:26		7	5.03	21.37	16518	857	3653	-3822	-1447	-161	78	12.0	282	580	
Light2	2022-09-29 21:26		7	5.01	21.29	16670	995	1867	-3891	-1466	224	83.7	6.3	289	534	
Light2	2022-09-29 21:26		7	5.03	21.25	16936	1262	-85	-3911	-1443	670	85.1	4.9	50	342	
Light2	2022-09-29 21:26		7	5.03	21.25	451	1222	16996	66	-1092	-2892	0.3	89.7	306	351	
Light2	2022-09-29 21:26		7	5.03	21.25	756	964	18034	-19	-1030	-2918	1.3	88.7	305	466	
Light2	2022-09-29 21:26		7	5.03	22.07	8144	189	15406	-1613	-894	-2827	26.8	63.2	301	548	
Light2	2022-09-29 21:26		7	5.03	22.07	11933	430	12433	2470	4556	354	43.1	46.9	88	559	
Light2	2022-09-29 21:26		7	5.03	21.5	14082	-787	9560	-3004	-840	-1946	55.6	34.4	295	254	
Light2	2022-09-29 21:26		7	5.03	21.5	15329	75	7452	-3426	-930	-1401	64.3	25.7	292	413	
Light2	2022-09-29 21:26		7	5.03	21.5	15560	-347	7052	-3453	-887	-1366	65.9	24.1	291	388	
Light2	2022-09-29 21:26		7	5.03	21.5	16166	-10	5412	-3604	-981	-1071	72.1	17.9	292	575	
Light2	2022-09-29 21:27		7	5.03	21.5	16657	204	2703	-3791							

ID	Local Date & Time	Temperature	MSAS									Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light2	2022-09-29 21:27	6.7	5.01	21.55	15684	-186	6721	-3369	-747	-1518	67.2	22.8	305	440	
Light2	2022-09-29 21:27	6.7	5.03	21.55	16410	124	4577	-3619	-840	-1086	75.2	14.8	303	351	
Light2	2022-09-29 21:27	6.7	5.03	21.48	16715	250	3362	-3759	-860	-778	79.6	10.4	300	324	
Light2	2022-09-29 21:27	6.7	5.03	21.39	16635	563	809	-3901	-938	-329	87.5	2.5	47	313	
Light2	2022-09-29 21:27	6.7	5.01	21.27	16737	677	-422	-3970	-966	-40	86	4.0	89	342	
Light2	2022-09-29 21:27	6.7	5.03	21.27	1175	962	17281	285	-284	-3063	2.7	87.3	4	253	
Light2	2022-09-29 21:27	6.7	5.03	21.27	6468	1035	15258	-492	-272	-3134	21.8	68.2	6	556	
Light2	2022-09-29 21:27	6.7	5.03	21.78	9995	660	13538	-1696	-307	-2892	35.5	54.5	1	471	
Light2	2022-09-29 21:27	6.7	5.03	21.78	14296	-748	9754	-2704	-314	-2283	55.5	34.5	334	342	
Light2	2022-09-29 21:27	6.7	5.03	21.78	14408	142	8731	-2895	-274	-2109	58.8	31.2	354	379	
Light2	2022-09-29 21:27	6.7	5.03	21.47	15943	67	5886	-3336	-261	-1608	70.3	19.7	353	482	
Light2	2022-09-29 21:27	6.7	5.01	21.47	16388	385	3897	-3557	-297	-1252	77.4	12.6	8	465	
Light2	2022-09-29 21:27	6.4	5.03	21.5	16408	302	4350	-3588	-283	-1189	75.9	14.1	2	439	
Light2	2022-09-29 21:27	6.4	5.03	21.36	16610	389	1601	-3784	-356	-778	85.6	4.4	34	442	
Light2	2022-09-29 21:27	6.4	5.01	21.26	17072	631	8	-3938	-394	-309	87.2	2.8	94	501	
Light3	2021-09-10 23:12	11.9	5.01	20.69	2241	-1315	17361	262	76	-3003	6.3	83.7	358	385	
Light3	2021-09-10 23:12	11.9	5.03	20.96	2565	619	17218	46	-299	-3017	7.4	82.6	359	579	
Light3	2021-09-10 23:12	11.9	5.03	20.96	2322	422	16747	114	84	-3025	6.7	83.3	20	549	
Light3	2021-09-10 23:12	11.9	5.01	22.22	3391	-246	16727	-140	359	-3030	10.3	79.7	28	490	
Light3	2021-09-10 23:13	11.9	5.01	22	3182	-534	16838	-214	693	-2971	9.5	80.5	44	466	
Light3	2021-09-10 23:13	11.9	5.03	22.02	2738	-650	17145	-260	735	-2962	8	82.0	51	543	
Light3	2021-09-10 23:13	11.9	5.03	22.02	2948	482	16342	-641	898	-2896	9	81.0	75	527	
Light3	2021-09-10 23:13	11.9	5.03	22.06	2588	-77	17283	-846	968	-2834	7.5	82.5	88	516	
Light3	2021-09-10 23:13	11.9	5.03	22.06	2081	-356	16911	-1124	890	-2792	5.8	84.2	109	288	
Light3	2021-09-10 23:13	11.9	5.03	22.13	2009	-239	17004	-1458	669	-2756	5.6	84.4	130	584	
Light3	2021-09-10 23:13	11.9	5.03	22.13	2361	-163	17232	-1755	245	-2715	6.7	83.3	157	331	
Light3	2021-09-10 23:13	11.9	5.03	22.13	2019	-284	16732	-1853	-73	-2714	5.7	84.3	179	307	
Light3	2021-09-10 23:13	11.9	5.03	22.13	1355	-874	16936	-1741	-349	-2772	3.3	86.7	199	421	
Light3	2021-09-10 23:13	11.9	5.03	22.8	1975	-89	17140	-1614	-942	-2744	5.4	84.6	225	534	
Light3	2021-09-10 23:13	11.9	5.03	22.8	1449	117	16921	-1141	-1133	-2826	3.7	86.3	244	412	
Light3	2021-09-10 23:13	11.9	5.03	22.8	1772	221	17274	-824	-1172	-2853	4.8	85.2	264	507	
Light3	2021-09-10 23:13	11.9	5.03	22.8	1906	816	16765	-355	-1086	-2893	5.3	84.7	296	373	
Light3	2021-09-10 23:13	11.9	5.03	22.8	1365	968	17034	-230	-1026	-2897	3.4	86.6	300	498	
Light3	2021-09-10 23:13	11.9	5.03	22.8	1535	-74	17446	211	-412	-2977	3.9	86.1	342	215	
Light3	2021-09-10 23:13	11.9	5.03	23.33	1753	42	17217	240	-102	-3000	4.7	85.3	4	532	
Light3	2021-09-10 23:14	11.9	5.03	23.33	6885	-115	16100	-868	-40	-3018	2.2	68.0	6	375	
Light3	2021-09-10 23:14	11.9	5.01	21.36	7534	814	15304	-1105	214	-2953	25.1	64.9	35	460	
Light3	2021-09-10 23:14	11.9	5.03	21.35	8108	689	15009	-1365	464	-2835	27.3	62.7	49	390	
Light3	2021-09-10 23:14	11.9	5.03	21.35	7926	655	15501	-1449	457	-2808	26	64.0	56	562	
Light3	2021-09-10 23:14	11.9	5.01	21.35	7708	1224	15249	-1553	527	-2749	25.7	64.3	69	401	
Light3	2021-09-10 23:14	11.6	5.03	21.38	7944	1809	15543	-1960	428	-2582	25.8	64.2	91	511	
Light3	2021-09-10 23:14	11.6	5.03	21.32	7935	1719	15305	-2242	409	-2398	26.2	63.8	107	321	
Light3	2021-09-10 23:14	11.6	5.01	21.35	8585	1240	15172	-2551	366	-2169	28.4	61.6	121	520	
Light3	2021-09-10 23:14	11.6	5.03	21.35	8638	856	14763	-2641	346	-2090	29.3	60.7	126	268	
Light3	2021-09-10 23:14	11.6	5.03	21.35	8669	8718	16914	-24887	4524	382	23.6	66.4	81	525	
Light3	2021-09-10 23:14	11.6	5.03	21.35	9181	531	14795	-3025	-53	-1794	30.8	59.2	165	597	
Light3	2021-09-10 23:14	11.6	5.01	21.2	8700	246	15036	-3070	-432	-1791	29	61.0	197	355	
Light3	2021-09-10 23:14	11.6	5.01	21.16	8743	397	15110	-2925	-952	-1880	29	61.0	228	457	
Light3	2021-09-10 23:14	11.6	5.01	21.26	8801	477	14699	-2692	-1275	-2023	29.9	60.1	248	417	
Light3	2021-09-10 23:14	11.6	5.03	21.31	8779	156	14940	-2342	-1267	-2283	29.4	60.6	262	585	
Light3	2021-09-10 23:14	11.6	5.03	21.4	8568	-212	15420	-2304	-1287	-2307	28	62.0	261	461	
Light3	2021-09-10 23:14	11.6	5.01	21.4	8734	1352	15192	-2028	-1310	-2448	28.7	61.3	276	424	
Light3	2021-09-10 23:14	11.6	5.01	21.4	8794	326	14993	-2017	-1321	-2456	29.4	60.6	277	583	
Light3	2021-09-10 23:15	11.6	5.03	21.31	9000	712	14480	-1644	-1106	-2691	30.9	59.1	307	588	
Light3	2021-09-10 23:15	11.6	5.03	21.31	8688	777	15007	-1579	-1068	-2719	29	61.0	307	447	
Light3	2021-09-10 23:15	11.6	5.01	21.61	8599	1127	15049	-1326	-632	-2888	28.6	61.4	344	571	
Light3	2021-09-10 23:15	11.6	5.01	21.61	8423	1462	14600	-1294	-548	-2907	28.8	61.2	356	464	
Light3	2021-09-10 23:15	11.2	5.03	21.48	11651	1493	12042	-2100	-248	-2579	43.1	46.9	21	569	
Light3	2021-09-10 23:15	11.2	5.01	21.55	12506	1183	11893	-2286	-120	-2465	45.7	44.3	26	393	
Light3	2021-09-10 23:15	11.2	5.03	21.55	12299	1860	12267	-2307	-93	-2449	44	46.0	42	549	
Light3	2021-09-10 23:15	11.2	5.01	21.55	12868	547	11400	-2330	194	-2381	47.9	42.1	35	501	
Light3	2021-09-10 23:15	11.2	5.01	21.49	12716	766	11220	-2579	439	-2121	48	42.0	62	518	
Light3	2021-09-10 23:15	11.2	5.03	21.4	13061	824	11239	-2725	475	-1972	48.7	41.3	71	326	
Light3	2021-09-10 23:15	11.2	5.03	21.4	13027	1228	11115	-2941	504	-1723	48.8	41.2	86	515	
Light3	2021-09-10 23:15	11.2	5.03	21.44	13659	1145	10742	-3173	400	-1466	51.2	38.8	95	335	
Light3	2021-09-10 23:15	11.2	5.01	21.44	13641	1723	10998	-3200	363	-1435	50.2	39.8	98	418	
Light3	2021-09-10 23:15	11.2	5.03	21.44	13473	2195	11171	-3423	249	-1126	49.2	40.8	112	593	
Light3	2021-09-10 23:15	11.2	5.01	21.47	13718	1425	10351	-3553	174	-887	52.3	37.7	119	373	
Light3	2021-09-10 23:15	11.2	5.01	21.47	13466	1640	10709	-3652	-27	-733	50.7	39.3	139	377	
Light3	2021-09-10 23:15	11.2	5.03	21.47	13402	1375	10347	-3666	-60	-699	51.7	38.3	144	598	
Light3	2021-09-10 23:15	11.2	5.03	21.47	13552	2017	10416	-3754	-327	-549	51.5	38.5	172	410	
Light3	2021-09-10 23:15	11.2	5.03	21.47	13792	1869	10487	-3804	-541	-419	51.8	38.2	209	493	
Light3	2021-09-10 23:15	11.2	5.01	21.45	13620	1738	10140	-3799	-587	-433	52.5	37.5	215	500	
Light3	2021-09-10 23:15	11.2	5.03	21.45	13905	2496	9839	-3796	-816	-403	53.4	36.6	230	256	
Light3	2021-09-10 23:15	11.2	5.01	21.33	14036	1622	10077	-3778	-1022	-423	53.6	36.4	247	479	
Light3	2021-09-10 23:16	10.9	5.03	21.29	14089	1638	9674	-3720	-1248	-486	54.8	35.2	256	368	
Light3	2021-09-10 23:16	10.9	5.03	21.22	14067	2450	9724	-3587	-1371	-771	54.1	35.9	258	452	
Light3	2021-09-10 23:16	10.9	5.01	21.19	13461	747	10697	-3202	-1491	-1360	51	39.0	271	593	
Light3	2021-09-10 23:16	10.9	5.03	21.32	13807	1272	10197	-3051	-1521	-1547	53	37.0	283	484	
Light3	2021-09-10 23:16	10.9	5.03	21.32	13647	3387	10018	-2834	-1496	-1795	51.7	38.3	311	495	
Light3	2021-09-10 23:16	10.9	5.01	21.32	13511	1356	10521	-2808	-1310	-1908	51.4	38.6	298	576	
Light3	2021-09-10 23:16	10.9	5.03	21.48	13871	1183	10098	-2602	-770	-2212	53.4	36.6			

ID	Local Date & Time	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az							
Light3	2021-09-10 23:16	10.9	5.03	21.52	14719	1930	8733	-3009	-114	-1847	58.5	31.5	53	411
Light3	2021-09-10 23:16	10.6	5.03	21.44	15987	750	7265	-3281	228	-1377	65.6	24.4	62	471
Light3	2021-09-10 23:16	10.6	5.03	21.38	15713	1376	6390	-3429	344	-1065	67.7	22.3	78	427
Light3	2021-09-10 23:17	10.6	5.01	21.42	15725	1300	7229	-3511	528	-729	65.1	24.9	90	555
Light3	2021-09-10 23:17	10.6	5.01	21.46	15651	1308	6698	-3648	393	-437	66.7	23.3	95	565
Light3	2021-09-10 23:17	10.6	5.03	21.5	15783	1129	7129	-3793	206	-52	65.6	24.4	104	290
Light3	2021-09-10 23:17	10.6	5.03	21.52	15804	733	6521	-3871	53	288	67.8	22.2	107	480
Light3	2021-09-10 23:17	10.6	5.01	21.5	16626	1138	5931	-3949	-391	592	70.4	19.6	266	471
Light3	2021-09-10 23:17	10.3	5.03	21.45	15731	1521	5338	-3941	-957	575	71	19.0	268	527
Light3	2021-09-10 23:17	10.3	5.03	21.24	16504	1124	5817	-3886	-1296	414	70.6	19.4	270	429
Light3	2021-09-10 23:17	10.3	5.03	21.24	15862	653	5025	-3874	-1347	417	72.9	17.1	271	358
Light3	2021-09-10 23:17	10.3	5.03	21.22	16100	945	5628	-3746	-1519	-123	70.9	19.1	274	309
Light3	2021-09-10 23:17	10.3	5.01	21.26	16139	1631	5928	-3629	-1622	-436	69.4	20.6	280	538
Light3	2021-09-10 23:17	10.3	5.03	21.26	15761	1796	6174	-3450	-1517	-959	68	22.0	294	586
Light3	2021-09-10 23:17	10.3	5.01	21.42	16125	916	5800	-3477	-1492	-918	70.4	19.6	290	413
Light3	2021-09-10 23:18	10.3	5.01	21.42	16142	1464	5499	-3415	-1251	-1180	71	19.0	312	577
Light3	2021-09-10 23:18	10.3	5.03	21.56	16247	1041	6131	-3280	-909	-1486	69.4	20.6	328	381
Light3	2021-09-10 23:18	10.3	5.03	21.56	15938	1494	5943	-3291	-547	-1523	69.3	20.7	16	312
Light3	2021-09-10 23:18	10.3	5.03	21.45	17071	-443	77	-3821	-217	-289	88.1	1.9	256	329
Light3	2021-09-10 23:18	10.3	5.01	21.33	16996	320	541	-3739	450	40	88.7	1.3	98	394
Light3	2021-09-10 23:18	9.9	5.03	21.33	16814	85	691	-3727	617	466	89	1.0	94	539
Light3	2021-09-10 23:18	9.9	5.01	21.33	16731	732	937	-3728	562	918	86.7	3.3	134	221
Light3	2021-09-10 23:18	9.9	5.01	21.33	17030	282	1544	-3763	400	1116	85.9	4.1	103	415
Light3	2021-09-10 23:18	9.9	5.01	21.36	16675	427	1591	-3761	30	1573	85.5	4.5	223	484
Light3	2021-09-10 23:18	9.9	5.03	21.35	16824	959	737	-3792	-445	1667	86.3	3.7	270	549
Light3	2021-09-10 23:18	9.9	5.03	21.32	16749	828	1683	-3851	-1012	1382	84.6	5.4	268	351
Light3	2021-09-10 23:18	9.9	5.03	21.32	17325	89	1412	-3845	-1167	1307	86.5	3.5	262	571
Light3	2021-09-10 23:18	9.6	5.03	21.31	16753	691	1627	-3857	-1396	919	85	5.0	275	495
Light3	2021-09-10 23:18	9.6	5.01	21.31	16288	-189	1077	-3863	-1397	820	87.7	2.3	262	486
Light3	2021-09-10 23:18	9.6	5.01	21.3	16688	236	1297	-3860	-1395	298	86.8	3.2	280	574
Light3	2021-09-10 23:18	9.6	5.01	21.3	17012	-152	1140	-3853	-1312	131	87.5	2.5	274	525
Light3	2021-09-10 23:18	9.6	5.01	21.3	16643	381	1143	-3809	-1037	-268	87.1	2.9	316	412
Light3	2021-09-10 23:18	9.9	5.01	21.37	16589	515	3401	-3606	-535	-934	79.2	10.8	345	489
Light3	2021-10-04 21:43	12.5	5.01	22.89	-1862	105	17227	890	128	-2641	-7.5	97.5	20	588
Light3	2021-10-04 21:43	12.5	5.01	22.89	-2630	-1413	17692	896	205	-2642	-10.1	100.1	8	272
Light3	2021-10-04 21:43	12.5	5.01	21.78	-1578	-356	17213	606	588	-2690	-6.6	96.6	48	562
Light3	2021-10-04 21:43	12.5	5.01	21.78	-1416	-804	17697	463	737	-2698	-6.1	96.1	56	388
Light3	2021-10-04 21:43	12.2	5.03	21.78	-557	-1983	17480	309	953	-2668	-3.2	93.2	54	389
Light3	2021-10-04 21:43	12.2	5.01	21.78	-568	-939	17279	121	887	-2714	-3.2	93.2	68	541
Light3	2021-10-04 21:43	12.2	5.01	21.78	650	-378	16494	-54	882	-2725	1	89.0	67	465
Light3	2021-10-04 21:43	12.2	5.01	21.78	134	-1018	17195	-245	943	-2728	-0.8	90.8	82	482
Light3	2021-10-04 21:44	12.5	5.03	23.21	-396	-900	17572	-432	926	-2727	-2.6	92.6	100	591
Light3	2021-10-04 21:44	12.5	5.03	23.21	-187	-615	17058	-558	818	-2765	-1.9	91.9	106	369
Light3	2021-10-04 21:44	12.2	5.01	23.21	-347	999	17328	-617	766	-2775	-2.4	92.4	106	571
Light3	2021-10-04 21:44	12.2	5.03	23.21	-613	-762	16813	-774	787	-2759	-3.3	93.3	124	461
Light3	2021-10-04 21:44	12.2	5.03	23.21	3453	-2761	16152	-1654	-70	-2666	10.7	79.3	219	380
Light3	2021-10-04 21:44	12.2	5.01	23.39	-325	-220	17279	-1073	617	-2768	-2.4	92.4	136	509
Light3	2021-10-04 21:44	12.2	5.01	23.39	-59	-285	17196	-1325	359	-2761	-1.4	91.4	154	474
Light3	2021-10-04 21:44	12.2	5.03	23.44	57	-390	17912	-1608	-219	-2726	-1.1	91.1	187	509
Light3	2021-10-04 21:44	12.2	5.01	23.44	-378	70	17185	-1423	-429	-2787	-2.5	92.5	193	471
Light3	2021-10-04 21:45	12.2	5.01	22.55	1404	-652	17032	-1397	-732	-2772	3.5	86.5	224	464
Light3	2021-10-04 21:45	12.2	5.01	22.55	1082	-252	17109	-1359	-850	-2768	2.4	87.6	225	297
Light3	2021-10-04 21:45	12.2	5.03	22.55	668	-342	17116	-1074	-967	-2800	1	89.0	237	448
Light3	2021-10-04 21:45	12.2	5.03	22.55	-375	-636	17409	-105	-893	-2858	-2.5	92.5	280	372
Light3	2021-10-04 21:45	12.2	5.03	22.55	-847	-366	17356	249	-762	-2840	-4.1	94.1	301	599
Light3	2021-10-04 21:45	11.9	5.01	22.55	-837	-419	17977	507	-487	-2821	-4.1	94.1	328	464
Light3	2021-10-04 21:45	11.9	5.03	22.55	-210	-513	17539	566	-224	-2840	-2	92.0	348	388
Light3	2021-10-04 21:45	11.6	5.01	23.29	4907	-138	16675	-686	748	-2811	15.2	74.8	55	318
Light3	2021-10-04 21:45	11.6	5.01	21.35	6827	-1167	16267	-1333	1009	-2547	21.6	68.4	71	575
Light3	2021-10-04 21:45	11.6	5.03	21.35	7192	-1419	15396	-1435	1042	-2496	23.9	66.1	69	571
Light3	2021-10-04 21:45	11.6	5.03	21.25	7359	-1255	15809	-1719	1029	-2342	23.8	66.2	87	576
Light3	2021-10-04 21:45	11.6	5.03	21.25	7295	-967	15542	-1960	964	-2235	24	66.0	100	508
Light3	2021-10-04 21:46	11.6	5.01	21.3	7590	-573	15292	-2311	670	-2111	25.3	64.7	120	565
Light3	2021-10-04 21:46	11.6	5.01	21.57	8031	174	15626	-2591	409	-1972	26.1	63.9	136	595
Light3	2021-10-04 21:46	11.6	5.03	21.57	8471	-244	15059	-2734	482	-1788	28.3	61.7	136	471
Light3	2021-10-04 21:46	11.6	5.01	21.57	8559	-524	15320	-2889	122	-1767	28.2	61.8	165	471
Light3	2021-10-04 21:46	11.6	5.03	21.38	8761	-159	14782	-2980	-95	-1716	29.7	60.3	177	340
Light3	2021-10-04 21:46	11.6	5.03	21.11	9437	-823	14549	-3102	-250	-1596	32	58.0	197	564
Light3	2021-10-04 21:46	11.6	5.01	21.09	9488	115	14090	-3115	-581	-1588	33	57.0	211	486
Light3	2021-10-04 21:46	11.2	5.01	21.09	9382	-634	14538	-3121	-616	-1595	31.9	58.1	219	561
Light3	2021-10-04 21:46	11.2	5.03	21.5	9829	-397	14281	-2887	-1044	-1802	33.6	56.4	245	402
Light3	2021-10-04 21:46	11.2	5.03	21.5	9737	25	14280	-2858	-1104	-1813	33.4	56.6	245	422
Light3	2021-10-04 21:46	11.2	5.03	21.5	10068	-200	14657	-2676	-1138	-1979	33.5	56.5	254	585
Light3	2021-10-04 21:46	11.2	5.03	21.84	10057	-13	14525	-2469	-1195	-2130	33.8	56.2	265	475
Light3	2021-10-04 21:46	11.2	5.03	21.84	10363	176	13673	-2286	-1166	-2264	36.3	53.7	281	485
Light3	2021-10-04 21:47	11.2	5.03	22.54	10776	-436	13566	-2058	-936	-2458	37.6	52.4	299	444
Light3	2021-10-04 21:47	11.2	5.03	22.54	10371	-865	13622	-1881	-721	-2597	36.4	53.6	308	565
Light3	2021-10-04 21:47	11.2	5.03	22.34	10484	-492	13947	-1701	-321	-2710	36.1	53.9	340	529
Light3	2021-10-04 21:47	11.2	5.03	22.34	10094	-906	13920	-1660	-255	-2725	35	55.0	338	264
Light3	2021-10-04 21:47	11.2	5.01	22.34	10612	-699	13676	-1625	57	-2716	37	53.0	3	413
Light3	2021-10-04 21:47	11.2	5.01	22	8885	-575	15005	-1333	363	-2770	29.6	60.4	26	526
Light3	2021-10-04 21:47	11.2	5.01	21.61	12509	-695	11946	-2221	412	-2305	45.7	44.3	31	448
Light3	2021													

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec^2)	Ax	Ay	Az								
Light3	2021-10-04 21:47	10.9	5.01		21.49	15030	159	8948	-3382	613	-642	59.1	30.9	98	340
Light3	2021-10-04 21:47	10.9	5.01		21.55	14473	-782	9562	-3450	605	-449	56.3	33.7	107	440
Light3	2021-10-04 21:47	10.9	5.03		21.57	14223	-359	9300	-3562	366	-324	56.7	33.3	116	276
Light3	2021-10-04 21:47	10.9	5.03		21.57	14454	-865	8880	-3598	296	-276	58.3	31.7	122	541
Light3	2021-10-04 21:47	10.9	5.03		21.57	14679	-612	9200	-3729	-32	-76	57.8	32.2	161	548
Light3	2021-10-04 21:47	10.9	5.03		21.58	14685	-553	8756	-3755	-132	-23	59.2	30.8	184	354
Light3	2021-10-04 21:47	10.9	5.01		21.58	15248	-560	9067	-3815	-492	67	59.2	30.8	245	590
Light3	2021-10-04 21:47	10.9	5.01		21.51	15528	181	8496	-3784	-823	-117	61.3	28.7	257	435
Light3	2021-10-04 21:47	10.9	5.01		21.34	15166	-568	8120	-3720	-1018	-332	61.9	28.1	263	379
Light3	2021-10-04 21:48	10.9	5.01		21.34	15484	-332	8240	-3653	-1192	-474	62	28.0	267	548
Light3	2021-10-04 21:48	10.9	5.01		21.33	15457	-43	7067	-3589	-1281	-589	65.7	24.3	273	266
Light3	2021-10-04 21:48	10.6	5.03		21.33	15465	-72	7238	-3577	-1299	-608	65.2	24.8	273	295
Light3	2021-10-04 21:48	10.6	5.01		21.32	15689	-596	7182	-3452	-1243	-943	65.6	24.4	278	547
Light3	2021-10-04 21:48	10.6	5.03		21.38	15728	-116	7220	-3319	-1030	-1257	65.6	24.4	289	504
Light3	2021-10-04 21:48	10.6	5.03		21.38	15883	-14	7306	-3231	-852	-1435	65.5	24.5	301	535
Light3	2021-10-04 21:48	10.6	5.03		21.38	15635	-261	7435	-3225	-826	-1432	64.8	25.2	297	315
Light3	2021-10-04 21:48	10.6	5.03		21.54	15192	615	7784	-3051	-327	-1682	62.9	27.1	2	560
Light3	2021-10-04 21:48	10.6	5.01		21.54	15417	444	6999	-3093	-265	-1623	65.8	24.2	4	384
Light3	2021-10-04 21:48	10.6	5.01		21.59	15526	939	7396	-3073	51	-1566	64.5	25.5	47	575
Light3	2021-10-04 21:48	10.6	5.03		21.52	16804	322	1789	-3611	183	-423	85	5.0	71	369
Light3	2021-10-04 21:48	10.6	5.03		21.52	16776	402	1959	-3609	209	-376	84.4	5.6	75	392
Light3	2021-10-04 21:48	10.6	5.03		21.52	16382	954	1332	-3591	427	-226	85.1	4.9	89	578
Light3	2021-10-04 21:48	10.6	5.01		21.52	17667	-717	2433	-3539	552	-218	82.6	7.4	65	271
Light3	2021-10-04 21:48	10.6	5.03		21.44	16814	-100	2901	-3556	687	183	81.3	8.7	86	287
Light3	2021-10-04 21:48	10.6	5.03		21.44	16532	38	2626	-3575	667	291	82.1	7.9	88	536
Light3	2021-10-04 21:48	10.6	5.01		21.44	16935	155	2943	-3580	667	482	81.2	8.8	90	347
Light3	2021-10-04 21:48	10.6	5.01		21.44	16692	305	2449	-3633	552	718	82.7	7.3	92	252
Light3	2021-10-04 21:48	10.6	5.01		21.45	16890	295	2525	-3662	400	943	82.5	7.5	93	524
Light3	2021-10-04 21:48	10.6	5.01		21.45	17066	158	2578	-3664	386	989	82.5	7.5	93	584
Light3	2021-10-04 21:48	10.6	5.01		21.46	16474	127	2758	-3722	140	1103	81.6	8.4	93	474
Light3	2021-10-04 21:48	10.6	5.03		21.46	16942	-187	2830	-3737	-51	1216	81.6	8.4	98	360
Light3	2021-10-04 21:48	10.3	5.01		21.48	16583	415	2711	-3780	-359	1263	81.7	8.3	264	267
Light3	2021-10-04 21:48	10.3	5.03		21.47	16353	880	2546	-3785	-620	1324	81.6	8.4	266	237
Light3	2021-10-04 21:48	10.3	5.01		21.47	16837	122	2612	-3780	-635	1333	82.3	7.7	262	521
Light3	2021-10-04 21:48	10.3	5.01		21.46	17081	794	1887	-3775	-936	1341	84.1	5.9	267	576
Light3	2021-10-04 21:48	10.3	5.01		21.46	16787	-589	3305	-3821	-1018	997	79.7	10.3	266	571
Light3	2021-10-04 21:48	10.3	5.01		21.45	17035	-861	2496	-3821	-1072	878	82.3	7.7	264	461
Light3	2021-10-04 21:48	10.3	5.01		21.44	16707	-167	2591	-3802	-1283	623	82.3	7.7	269	281
Light3	2021-10-04 21:49	10.3	5.01		21.44	16738	-726	2343	-3800	-1248	622	82.9	7.1	266	378
Light3	2021-10-04 21:49	10.3	5.01		21.44	16695	-286	2361	-3809	-1241	417	83.1	6.9	270	578
Light3	2021-10-04 21:49	10.3	5.03		21.44	16668	-182	2351	-3793	-1252	330	83.2	6.8	272	369
Light3	2021-10-04 21:49	10.3	5.03		21.44	16823	-1131	1897	-3788	-1277	312	83.7	6.3	265	553
Light3	2021-10-04 21:49	10.3	5.01		21.44	17116	-370	1918	-3774	-1275	162	84.7	5.3	272	361
Light3	2021-10-04 21:49	10.3	5.01		21.44	17197	-644	2554	-3776	-1270	156	82.3	7.7	271	446
Light3	2021-10-04 21:49	10.3	5.03		21.44	16758	-34	1968	-3759	-1213	-11	84.6	5.4	278	269
Light3	2021-10-04 21:49	10.3	5.01		21.45	16883	21	2538	-3732	-1181	-160	82.6	7.4	280	568
Light3	2021-10-04 21:49	10.3	5.01		21.45	16983	-218	2192	-3704	-1001	-372	83.8	6.2	283	519
Light3	2021-10-04 21:49	10.3	5.01		21.47	16749	-15	2030	-3695	-791	-466	84.3	5.7	293	451
Light3	2021-10-04 21:49	10.3	5.03		21.47	16564	460	2171	-3660	-549	-585	83.5	6.5	347	532
Light3	2021-10-04 21:49	10.3	5.03		21.47	16908	96	1670	-3676	-552	-558	85.6	4.4	319	573
Light3	2021-10-04 21:49	10.3	5.03		21.47	16864	-85	1598	-3642	-216	-576	85.9	4.1	341	376
Light3	2021-10-04 21:49	10.3	5.03		21.47	16941	-274	1958	-3642	-217	-556	84.6	5.4	318	316
Light3	2021-10-04 21:49	10.3	5.03		21.47	16071	-255	1253	-3660	-188	-515	87	3.0	311	500
Light3	2021-10-04 21:49	10.3	5.03		21.46	16852	321	2162	-3597	-8	-541	83.8	6.2	57	404
Light3	2021-10-28 21:14	5.4	5.03		20.48	-2161	-42	16952	1054	-30	-2735	-8.5	98.5	7	295
Light3	2021-10-28 21:14	5.4	5.01		20.48	-3187	-441	16948	1054	723	-2677	-11.9	101.9	49	405
Light3	2021-10-28 21:14	5.4	5.01		20.48	-3195	-1145	17077	909	895	-2694	-11.9	101.9	56	227
Light3	2021-10-28 21:14	5.4	5.03		20.48	-2894	-1264	16378	622	1171	-2706	-11.3	101.3	73	558
Light3	2021-10-28 21:14	5.4	5.03		20.48	-2826	-1066	17605	151	1122	-2795	-10.7	100.7	95	484
Light3	2021-10-28 21:14	5.4	5.03		23.64	-2208	-927	17142	-64	1057	-2836	-8.7	98.7	99	392
Light3	2021-10-28 21:14	5.4	5.03		23.64	-2603	-605	17005	-368	977	-2853	-10	100.0	118	239
Light3	2021-10-28 21:14	5.4	5.03		23.64	-2855	-607	17023	-572	773	-2895	-10.8	100.8	134	311
Light3	2021-10-28 21:14	5.4	5.03		23.64	-2663	-560	17029	-749	481	-2932	-10.2	100.2	150	417
Light3	2021-10-28 21:14	5.4	5.03		23.64	-3220	-985	16894	-745	445	-2948	-12.1	102.1	158	558
Light3	2021-10-28 21:14	5.4	5.03		23.82	-3598	-1232	17646	-865	339	-2937	-13.2	103.2	168	436
Light3	2021-10-28 21:14	5.4	5.01		23.82	-2954	-1275	17670	-915	-77	-2969	-11.1	101.1	189	553
Light3	2021-10-28 21:15	5.4	5.01		23.82	-3357	-1280	17938	-631	-637	-2948	-12.5	102.5	219	541
Light3	2021-10-28 21:15	5.4	5.03		23.82	-2563	-1771	17106	-380	-818	-2924	-9.8	99.8	243	345
Light3	2021-10-28 21:15	5.4	5.03		23.82	-2720	-1527	17440	-56	-796	-2911	-10.3	100.3	256	594
Light3	2021-10-28 21:15	5.1	5.01		23.82	-6	-806	17477	285	-423	-2943	-1.3	91.3	325	573
Light3	2021-10-28 21:15	5.1	5.03		21.26	9202	-480	14322	-1419	500	-2792	31.8	58.2	32	242
Light3	2021-10-28 21:15	5.1	5.01		21.21	9745	-653	13933	-1672	764	-2605	34.1	55.9	48	531
Light3	2021-10-28 21:15	5.1	5.01		21.2	9850	-1177	14087	-1817	898	-2469	34	56.0	56	406
Light3	2021-10-28 21:16	5.1	5.03		21.07	9021	553	15087	-2041	816	-2364	29.8	60.2	86	587
Light3	2021-10-28 21:16	4.8	5.03		21.23	10822	515	12893	-2753	761	-1759	39.2	50.8	100	536
Light3	2021-10-28 21:16	4.8	5.27		21.25	556	21004	16928	-20940	4522	338	0.7	89.3	59	-29508
Light3	2021-10-28 21:16	4.5	5.03		21.33	11340	-359	13780	-3268	220	-1323	38.6	51.4	150	575
Light3	2021-10-28 21:16	4.5	5.01		21.32	11224	-343	12617	-3397	-91	-1210	41	49.0	178	553
Light3	2021-10-28 21:16	4.5	5.03		21.12	10387	172	13497	-3319	-644	-1372	36.7	53.3	216	426
Light3	2021-10-28 21:16	4.5	5.01		21.12	10361	443	13303	-3361	-713	-1313	37.1			

ID	Local Date & Time	MSAS												Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz							
Light3	2021-10-28 21:17	4.1	5.03		21.4	14096	619	9841	-2557	-110	-2237		54.8	35.2	16	559	
Light3	2021-10-28 21:17	4.1	5.01		21.4	13633	89	10512	-2535	-62	-2238		52	38.0	10	276	
Light3	2021-10-28 21:17	4.1	5.03		21.41	13741	88	10385	-2652	327	-2058		52.6	37.4	43	415	
Light3	2021-10-28 21:17	4.1	5.01		21.37	13680	217	9780	-2681	370	-2020		54.2	35.8	46	503	
Light3	2021-10-28 21:17	4.1	5.03		21.37	13829	-500	10479	-2706	599	-1913		52.5	37.5	55	434	
Light3	2021-10-28 21:17	3.8	5.03		21.24	13299	-337	10853	-2709	809	-1803		50.4	39.6	70	513	
Light3	2021-10-28 21:18	3.8	5.03		21.24	13588	-564	10210	-2936	885	-1473		52.8	37.2	80	502	
Light3	2021-10-28 21:18	3.8	5.03		21.24	13704	-642	9828	-2991	887	-1393		54.1	35.9	80	325	
Light3	2021-10-28 21:18	3.8	5.03		21.24	13571	-574	10279	-3059	874	-1301		52.6	37.4	88	361	
Light3	2021-10-28 21:18	3.8	5.01		21.29	13633	-637	10295	-3104	890	-1209		52.6	37.4	90	382	
Light3	2021-10-28 21:18	3.8	5.03		21.29	13626	-477	10241	-3180	831	-1108		52.8	37.2	94	239	
Light3	2021-10-28 21:18	3.8	5.03		21.33	13718	-779	10412	-3205	815	-1082		52.4	37.6	97	549	
Light3	2021-10-28 21:18	3.8	5.03		21.37	13486	-313	11300	-3276	723	-1005		49.6	40.4	106	296	
Light3	2021-10-28 21:18	3.8	5.03		21.37	13233	-361	11028	-3456	508	-775		49.8	40.2	118	593	
Light3	2021-10-28 21:18	3.8	5.03		21.37	13835	-565	10652	-3499	447	-708		52	38.0	120	543	
Light3	2021-10-28 21:18	3.8	5.03		21.44	13809	-852	11407	-3584	299	-582		49.9	40.1	136	486	
Light3	2021-10-28 21:18	3.8	5.03		21.44	13520	-617	9752	-3608	270	-551		54	36.0	131	525	
Light3	2021-10-28 21:18	3.5	5.01		21.43	13766	-720	10392	-3708	9	-403		52.6	37.4	164	504	
Light3	2021-10-28 21:18	3.5	5.01		21.43	13748	-1344	10431	-3750	-399	-450		52.3	37.7	228	283	
Light3	2021-10-28 21:18	3.5	5.03		21.4	13976	-983	9834	-3726	-660	-511		54.6	35.4	246	592	
Light3	2021-10-28 21:18	3.5	5.03		21.38	13892	-1313	9594	-3730	-673	-528		55	35.0	249	557	
Light3	2021-10-28 21:18	3.5	5.03		21.38	13875	-330	10776	-3696	-805	-602		51.8	38.2	245	565	
Light3	2021-10-28 21:18	3.5	5.03		21.38	13918	-880	10708	-3679	-833	-643		52	38.0	249	367	
Light3	2021-10-28 21:18	3.5	5.03		21.35	14054	-1174	9778	-3669	-885	-634		54.8	35.2	255	523	
Light3	2021-10-28 21:18	3.5	5.03		21.35	14103	-793	9651	-3651	-965	-666		55.4	34.6	257	581	
Light3	2021-10-28 21:18	3.5	5.03		21.27	14255	-988	9944	-3581	-1091	-808		54.8	35.2	261	446	
Light3	2021-10-28 21:18	3.5	5.03		21.18	14294	-727	9540	-3579	-1135	-794		56.1	33.9	263	485	
Light3	2021-10-28 21:18	3.5	5.01		21.1	13994	-449	9822	-3399	-1270	-1104		54.7	35.3	268	346	
Light3	2021-10-28 21:19	3.5	5.03		21.08	13913	-25	9745	-3373	-1309	-1128		54.8	35.2	269	308	
Light3	2021-10-28 21:19	3.2	5.03		21.08	14315	-7	9416	-3227	-1356	-1353		56.5	33.5	278	475	
Light3	2021-10-28 21:19	3.2	5.03		21.11	14276	-145	9271	-3238	-1305	-1341		56.9	33.1	278	500	
Light3	2021-10-28 21:19	3.2	5.03		21.11	13893	38	9260	-3216	-1289	-1384		56.2	33.8	278	477	
Light3	2021-10-28 21:19	3.2	5.03		21.18	14411	-321	9398	-3144	-1235	-1504		56.8	33.2	282	520	
Light3	2021-10-28 21:19	3.2	5.03		21.18	14326	-629	9454	-3135	-1228	-1530		56.4	33.6	281	498	
Light3	2021-10-28 21:19	3.2	5.03		21.25	14853	614	8644	-3056	-1106	-1670		59.7	30.3	301	191	
Light3	2021-10-28 21:19	3.2	5.01		21.39	14292	670	9490	-2876	-761	-1937		56.1	33.9	320	503	
Light3	2021-10-28 21:19	3.2	5.03		21.48	14591	484	9289	-2866	-484	-1982		57.3	32.7	342	287	
Light3	2021-10-28 21:19	3.2	5.01		21.51	14544	187	9239	-2860	-472	-1985		57.4	32.6	336	598	
Light3	2021-10-28 21:19	3.2	5.01		21.32	15977	789	6385	-3307	-140	-1414		68.4	21.6	34	336	
Light3	2021-10-28 21:19	3.2	5.01		21.32	15973	887	5837	-3307	-193	-1416		70.1	19.9	31	420	
Light3	2021-10-28 21:19	3.2	5.03		21.32	15963	1222	6059	-3340	-66	-1342		69.2	20.8	53	577	
Light3	2021-10-28 21:19	3.2	5.03		21.33	16309	349	5615	-3330	4522	330		71.5	18.5	90	511	
Light3	2021-10-28 21:19	3.2	5.01		21.33	15823	396	6160	-3298	368	-1233		69.1	20.9	62	382	
Light3	2021-10-28 21:19	2.9	5.03		21.3	15698	303	6422	-3325	383	-1179		68.1	21.9	65	399	
Light3	2021-10-28 21:19	2.9	5.01		21.3	15817	278	6386	-3353	516	-1038		68.4	21.6	73	579	
Light3	2021-10-28 21:19	2.9	5.03		21.27	16119	263	6291	-3401	613	-846		69.1	20.9	79	298	
Light3	2021-10-28 21:19	2.9	5.03		21.27	15927	587	6470	-3456	573	-762		68.2	21.8	84	497	
Light3	2021-10-28 21:19	2.9	5.03		21.27	15987	599	6086	-3491	571	-680		69.5	20.5	84	425	
Light3	2021-10-28 21:19	2.9	5.03		21.27	15850	1124	6271	-3558	565	-478		68.4	21.6	90	365	
Light3	2021-10-28 21:19	2.9	5.03		21.27	15924	763	6541	-3583	550	-408		67.8	22.2	91	396	
Light3	2021-10-28 21:19	2.9	5.03		21.27	16383	571	6325	-3600	598	-232		69.2	20.8	92	586	
Light3	2021-10-28 21:19	2.9	5.01		21.35	15617	614	6023	-3604	577	-242		69.3	20.7	92	434	
Light3	2021-10-28 21:19	2.9	5.01		21.35	16205	228	6267	-3687	470	28		69.2	20.8	95	361	
Light3	2021-10-28 21:19	2.9	5.01		21.35	15905	212	5715	-3704	487	132		70.8	19.2	94	166	
Light3	2021-10-28 21:19	2.9	5.01		21.43	16002	435	5466	-3767	338	396		71.7	18.3	93	539	
Light3	2021-10-28 21:19	2.9	5.03		21.43	16275	20992	17184	5176	4542	328		33.8	56.2	130	481	
Light3	2021-10-28 21:19	2.9	5.03		21.43	16188	658	5220	-3836	83	617		72.6	17.4	87	243	
Light3	2021-10-28 21:19	2.9	5.03		21.49	15726	619	6101	-3860	-45	649		69.1	20.9	80	504	
Light3	2021-10-28 21:19	2.9	5.03		21.5	16196	807	5663	-3875	-214	730		71	19.0	294	431	
Light3	2021-10-28 21:20	2.9	5.03		21.5	15850	278	5016	-3907	-657	744		73.1	16.9	272	519	
Light3	2021-10-28 21:20	2.9	5.01		21.49	16087	-359	4878	-3905	-675	796		73.9	16.1	273	503	
Light3	2021-10-28 21:20	2.9	5.03		21.4	16329	-433	5106	-3877	-1040	478		73.3	16.7	270	310	
Light3	2021-10-28 21:20	2.9	5.03		21.31	16279	113	4481	-3804	-1348	181		75.4	14.6	272	427	
Light3	2021-10-28 21:20	2.9	5.03		21.17	16293	356	4360	-3721	-1375	-235		75.8	14.2	278	582	
Light3	2021-10-28 21:20	2.5	5.03		21.17	16445	1025	4389	-3605	-1330	-660		75.3	14.7	292	412	
Light3	2021-10-28 21:20	2.5	5.03		21.21	16324	523	4237	-3564	-1293	-752		76.1	13.9	292	540	
Light3	2021-10-28 21:20	2.9	5.03		21.21	16601	384	4485	-3574	-1176	-802		75.6	14.4	291	540	
Light3	2021-10-28 21:20	2.9	5.03		21.21	16197	907	4243	-3556	-1065	-896		75.7	14.3	306	404	
Light3	2021-10-28 21:20	2.9	5.03		21.26	16373	1108	4616	-3534	-1017	-959		74.4	15.6	311	395	
Light3	2021-10-28 21:20	2.5	5.03		21.26	16392	1460	4281	-3492	-762	-1104		75.1	14.9	2	552	
Light3	2021-10-28 21:20	2.5	5.03		21.3	16391	1032	4495	-3478	-612	-1132		74.9	15.1	357	355	
Light3	2022-01-25	23.5	5.01		21.56	949	-103	16585	395	189	-2910		2.1	87.9	20	341	
Light3	2022-01-25	22.8	5.03		21.53	1821	244	16879	62	620	-2910		4.9	85.1	48	544	
Light3	2022-01-25	22.8	5.03		21.53	1791	419	18064	10	606	-2922		4.8	85.2	51	463	
Light3	2022-01-25	22.8	5.03		21.53	1694	502	16569	-455	724	-2898		4.6	85.4	77	583	
Light3	2022-01-25	22.5	5.03		21.26	2376	298	17313	-987	736	-2815		6.8	83.2	99	411	
Light3	2022-01-25	19.9	5.03		22.86	2258	-2320	16335	-1847	309	-2658		6.6	83.4	180	406	
Light3	2022-01-25	19.9	5.03		22.86	2705	-1511	16580	-1793	-352	-2702		8	82.0	211	458	
Light3	2022-01-25	19.6															

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-01-25	17.4	5.03	20.82	6525	-14	15321	-2053	721	-2449	22	68.0	109	383	
Light3	2022-01-25	17	5.01	20.82	7180	136	15556	-2179	705	-2371	23.7	66.3	111	542	
Light3	2022-01-25	17	5.03	20.84	7026	32	15267	-2353	511	-2301	23.6	66.4	127	517	
Light3	2022-01-25	17	5.03	20.73	7255	230	15328	-2603	105	-2168	24.3	65.7	156	541	
Light3	2022-01-25	16.4	5.03	20.69	6376	387	16675	-2528	-386	-2243	19.8	70.2	191	571	
Light3	2022-01-25	15.7	5.03	21.17	6491	-331	15793	-2480	-703	-2248	21.2	68.8	220	427	
Light3	2022-01-25	15.4	5.03	21.17	6945	-321	15595	-2493	-784	-2232	22.9	67.1	227	503	
Light3	2022-01-25	15.4	5.03	21.18	6556	-150	15538	-2080	-1051	-2437	21.8	68.2	250	516	
Light3	2022-01-25	15.4	5.03	21.18	6924	-742	15842	-2039	-1121	-2424	22.5	67.5	257	403	
Light3	2022-01-25	15.1	5.03	21.18	6881	150	15449	-1500	-1082	-2661	22.9	67.1	286	595	
Light3	2022-01-25	15.1	5.03	21.18	6962	83	15619	-1461	-1054	-2676	22.9	67.1	289	537	
Light3	2022-01-25	15.1	5.03	22.27	6649	214	15514	-1015	-664	-2891	22.1	67.9	327	330	
Light3	2022-01-25	14.8	5.03	22.27	10145	850	14258	-1652	-308	-2763	34.4	55.6	3	414	
Light3	2022-01-25	14.8	5.03	21.84	10609	242	13439	-1701	300	-2731	37.5	52.5	30	339	
Light3	2022-01-25	14.8	5.03	21.84	10880	-13	13998	-1744	419	-2698	37	53.0	35	556	
Light3	2022-01-25	14.5	5.03	21.32	10115	275	13596	-2035	748	-2458	35.8	54.2	67	337	
Light3	2022-01-25	14.5	5.03	21.32	10203	-229	13859	-2177	873	-2298	35.5	54.5	76	339	
Light3	2022-01-25	14.1	5.03	21.12	10095	-478	13267	-2689	729	-1901	36.5	53.5	105	174	
Light3	2022-01-25	14.1	5.03	21.12	9994	-1010	13730	-2759	629	-1858	35.2	54.8	119	380	
Light3	2022-01-25	14.1	5.03	20.89	10250	-346	13842	-3068	238	-1624	35.7	54.3	149	591	
Light3	2022-01-25	13.8	5.03	20.87	10088	-416	13818	-3159	-152	-1565	35.3	54.7	186	427	
Light3	2022-01-25	13.5	5.03	20.99	9721	-231	13970	-3093	-539	-1665	33.9	56.1	214	376	
Light3	2022-01-25	13.5	5.03	20.99	10280	-802	13854	-3085	-566	-1661	35.7	54.3	225	471	
Light3	2022-01-25	13.5	5.03	20.99	9386	395	14619	-3061	-731	-1665	31.7	58.3	217	579	
Light3	2022-01-25	13.5	5.01	21.15	10233	-491	13859	-2955	-945	-1733	35.6	54.4	244	323	
Light3	2022-01-25	13.5	5.03	21.15	10315	-319	13910	-2737	-1069	-1933	35.7	54.3	256	503	
Light3	2022-01-25	13.2	5.01	21.15	10171	-512	13512	-2635	-1096	-2004	36.1	53.9	262	449	
Light3	2022-01-25	13.2	5.03	21.3	10058	70	13714	-2184	-1042	-2356	35.4	54.6	285	443	
Light3	2022-01-25	13.2	5.03	21.3	9911	-822	13643	-2127	-1048	-2392	35.1	54.9	285	185	
Light3	2022-01-25	12.8	5.03	21.3	10095	-229	13926	-1777	-720	-2649	35.1	54.9	316	289	
Light3	2022-01-25	12.8	5.03	21.63	10221	-228	13627	-1714	-599	-2700	36	54.0	327	384	
Light3	2022-01-25	12.5	5.01	20.76	12824	-962	10743	-2276	84	-2428	49.6	40.4	358	408	
Light3	2022-01-25	12.5	5.03	21.18	13951	380	9781	-2523	-17	-2280	54.7	35.3	17	321	
Light3	2022-01-25	12.5	5.03	21.18	13881	-221	9720	-2549	65	-2242	54.8	35.2	11	564	
Light3	2022-01-25	12.5	5.03	21.18	13913	347	9558	-2602	309	-2148	55.3	34.7	38	490	
Light3	2022-01-25	12.5	5.03	21.47	14105	-237	9442	-2629	408	-2107	56.1	33.9	34	552	
Light3	2022-01-25	11.9	5.03	21.47	14277	52	9850	-2766	624	-1866	55.2	34.8	58	353	
Light3	2022-01-25	11.9	5.03	21.47	14258	31	9583	-2784	670	-1826	55.9	34.1	59	512	
Light3	2022-01-25	11.9	5.03	21.44	14840	176	8927	-3183	713	-1186	58.9	31.1	83	250	
Light3	2022-01-25	11.9	5.03	21.35	14765	-745	8274	-3199	725	-1124	60.8	29.2	79	315	
Light3	2022-01-25	11.9	5.01	21.35	14554	173	9011	-3378	616	-808	58.2	31.8	97	543	
Light3	2022-01-25	11.6	5.01	21.35	14716	-410	8708	-3444	566	-690	59.4	30.6	100	330	
Light3	2022-01-25	11.6	5.03	21.21	15049	103	8363	-3675	32	-261	61	29.0	136	111	
Light3	2022-01-25	11.6	5.03	21.21	14867	246	8920	-3701	-68	-206	59	31.0	154	403	
Light3	2022-01-25	11.2	5.01	21.11	15176	264	8308	-3735	-810	-153	61.3	28.7	256	372	
Light3	2022-01-25	11.2	5.01	21.21	15127	-204	8024	-3736	-849	-125	62.2	27.8	259	323	
Light3	2022-01-25	11.2	5.03	21.21	15199	174	8027	-3660	-1083	-323	62.3	27.7	264	550	
Light3	2022-01-25	10.9	5.03	21.19	15324	739	7936	-3507	-1308	-638	62.6	27.4	271	527	
Light3	2022-01-25	10.9	5.03	21.19	14976	-62	6954	-3470	-1381	-682	65.5	24.5	275	430	
Light3	2022-01-25	10.6	5.03	21.2	15429	531	7362	-3291	-1318	-1122	64.6	25.4	286	294	
Light3	2022-01-25	10.6	5.03	21.2	17056	18950	17410	-31519	4490	376	35.1	54.9	81	188	
Light3	2022-01-25	10.6	5.03	21.18	16306	-30	7132	-3145	-644	-1593	66.6	23.4	318	551	
Light3	2022-01-25	10.6	5.03	21.18	15706	416	5858	-3085	-141	-1655	70	20.0	15	212	
Light3	2022-02-23 20:06	3.2	5.01	20.63	-6337	-15001	-3414	906	3226	21	-21.7	111.7	270	495	
Light3	2022-02-23 20:06	3.5	5.03	21.66	1131	5233	16461	177	-484	-3057	2.6	87.4	45	494	
Light3	2022-02-23 20:06	3.8	5.03	21.08	753	7674	14817	131	-1223	-2856	1.6	88.4	44	374	
Light3	2022-02-23 20:07	3.5	5.01	21.15	1097	3346	14145	494	-257	-2987	3.1	86.9	34	521	
Light3	2022-02-23 20:07	3.8	5.01	21.08	1014	989	17180	69	422	-3041	2.2	87.8	52	271	
Light3	2022-02-23 20:07	3.8	5.03	21.08	1080	1416	16754	-242	525	-3048	2.5	87.5	72	354	
Light3	2022-02-23 20:07	3.8	5.03	20.86	1192	1326	16701	-493	585	-3024	2.9	87.1	85	460	
Light3	2022-02-23 20:07	3.8	5.03	20.67	1093	422	16966	-810	666	-2985	2.5	87.5	104	367	
Light3	2022-02-23 20:07	3.8	5.03	20.9	1120	223	16574	-1124	543	-2941	2.6	87.4	125	477	
Light3	2022-02-23 20:07	3.8	5.03	21.34	917	612	17178	-1371	302	-2918	1.9	88.1	144	327	
Light3	2022-02-23 20:07	3.8	5.03	21.23	1644	137	16649	-1526	178	-2897	4.4	85.6	156	350	
Light3	2022-02-23 20:07	3.8	5.03	21.23	1598	514	17453	-1669	-63	-2875	4.2	85.8	168	479	
Light3	2022-02-23 20:07	3.8	5.03	21.06	1415	978	16725	-1761	-235	-2853	3.6	86.4	173	543	
Light3	2022-02-23 20:07	3.8	5.03	20.88	321	785	17382	-1573	-511	-2924	-0.2	90.2	190	468	
Light3	2022-02-23 20:07	3.8	5.03	20.89	389	587	16728	-1514	-754	-2926	0.1	89.9	205	324	
Light3	2022-02-23 20:07	3.8	5.03	20.89	184	760	17356	-1502	-807	-2918	-0.6	90.6	205	374	
Light3	2022-02-23 20:07	3.8	5.03	20.81	342	616	16986	-1339	-1056	-2910	-0.1	90.1	222	341	
Light3	2022-02-23 20:07	3.5	5.03	21.04	418	809	16898	-1219	-1189	-2908	0.2	89.8	230	239	
Light3	2022-02-23 20:07	3.5	5.03	21.04	181	1235	16614	-1192	-1250	-2893	-0.6	90.6	228	524	
Light3	2022-02-23 20:07	3.5	5.03	21.04	379	513	17121	-1029	-1317	-2898	0.1	89.9	242	299	
Light3	2022-02-23 20:07	3.5	5.03	21.04	517	947	16900	-840	-1397	-2884	0.5	89.5	251	583	
Light3	2022-02-23 20:07	3.5	5.03	21.04	901	1033	16911	-681	-1377	-2897	1.8	88.2	262	344	
Light3	2022-02-23 20:07	3.5	5.03	21.04	1504	724	16473	30750	4464	332	4	86.0	89	507	
Light3	2022-02-23 20:07	3.5	5.03	21.04	1975	1192	16548	-528	-1274	-2932	5.6	84.4	285	458	
Light3	2022-02-23 20:07	3.5	5.03	22.02	-200	171	16709	301	-820	-2948	-1.9	91.9	313	560	
Light3	2022-02-23 20:08	3.5	5.03	21.59	1041	707	16242	230	-594	-3007	2.4	87.6	340	486	
Light3	2022-02-23 20:08	3.5	5.03	21.59	223	683	17343	346	-582	-2988	-0.5	90.5	338	408	
Light3	2022-02-23 20:08	3.2	5.03	21.6	312	660	17040	399	-326	-3001	-0.2	90.2	357	371	
Light3	2022-02-23 20:08	3.2	5.03	21.39	405	568	17162	468	-47	-2996	0.1	89.9	14	530	
Light3	2022-02-23 20:08	3.2	5.01	21.15	5942	288	15793	-712	17	-3105	19.5	70.5	16	538	
Light3	2022-02-23 20:08	3.2	5.03	21.15	6271	-222	16330	-735	31	-3105	19.9	70.1	9	546	
Light3	2022-02-23 20:08	3.2													

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-02-23 20:08	3.2	5.03	20.78	6449	1089	15492	-1238	436	-2933	21.4	68.6	62	471	
Light3	2022-02-23 20:08	3.2	5.03	20.72	6650	1078	15647	-1457	490	-2850	21.9	68.1	72	308	
Light3	2022-02-23 20:08	3.2	5.03	20.46	7117	958	15524	-1712	506	-2731	23.5	66.5	83	241	
Light3	2022-02-23 20:08	3.2	5.03	20.38	7139	1385	15404	-1869	489	-2661	23.7	66.3	92	287	
Light3	2022-02-23 20:08	2.9	5.03	20.25	7083	971	15530	-1895	513	-2634	23.4	66.6	95	411	
Light3	2022-02-23 20:08	2.9	5.03	20.28	6732	1160	15980	-1897	518	-2636	21.7	68.3	101	373	
Light3	2022-02-23 20:08	2.9	5.01	20.26	7059	727	15377	-1983	561	-2572	23.5	66.5	100	513	
Light3	2022-02-23 20:08	2.9	5.03	20.27	6659	1220	16635	-1966	543	-2596	20.6	69.4	107	474	
Light3	2022-02-23 20:08	2.9	5.03	20.26	7012	516	15582	-2064	575	-2505	23.1	66.9	107	566	
Light3	2022-02-23 20:08	2.9	5.03	20.38	6720	-189	15639	-2060	604	-2505	22.2	67.8	113	524	
Light3	2022-02-23 20:08	2.9	5.03	20.39	6369	592	15875	-2281	394	-2434	20.7	69.3	131	328	
Light3	2022-02-23 20:08	2.9	5.03	20.64	6153	334	16160	-2242	384	-2451	19.7	70.3	135	398	
Light3	2022-02-23 20:08	2.9	5.01	20.64	6242	496	15931	-2252	363	-2463	20.3	69.7	133	507	
Light3	2022-02-23 20:08	2.9	5.01	20.65	6247	605	15815	-2415	110	-2410	20.4	69.6	152	230	
Light3	2022-02-23 20:09	2.9	5.03	20.61	5824	271	15615	-2408	101	-2410	19.3	70.7	158	411	
Light3	2022-02-23 20:09	2.5	5.03	20.61	5829	1297	15994	-2519	-114	-2382	18.8	71.2	162	486	
Light3	2022-02-23 20:09	2.5	5.03	20.52	5748	680	16200	-2494	-105	-2388	18.4	71.6	169	198	
Light3	2022-02-23 20:09	2.5	5.03	20.5	4947	1806	16190	-2444	-546	-2452	15.7	74.3	183	236	
Light3	2022-02-23 20:09	2.5	5.03	20.47	5095	1534	16476	-2433	-898	-2423	15.9	74.1	207	407	
Light3	2022-02-23 20:09	2.5	5.03	20.7	5391	1007	16151	-2280	-1135	-2470	17.3	72.7	228	317	
Light3	2022-02-23 20:09	2.5	5.03	21.61	5796	692	15876	-1943	-1420	-2569	18.9	71.1	254	187	
Light3	2022-02-23 20:09	2.5	5.03	21.61	6236	778	15701	-1861	-1447	-2597	20.5	69.5	262	203	
Light3	2022-02-23 20:09	2.5	5.03	21.61	5933	1148	15626	-1850	-1429	-2605	19.6	70.4	259	362	
Light3	2022-02-23 20:09	2.5	5.03	21.61	5072	534	15549	-1689	-1341	-2702	16.9	73.1	259	518	
Light3	2022-02-23 20:09	2.5	5.01	21.61	5966	839	15721	-1698	-1345	-2705	19.6	70.4	267	356	
Light3	2022-02-23 20:09	2.5	5.03	21.61	6909	140	16110	-1585	-1374	-2745	22.1	67.9	279	473	
Light3	2022-02-23 20:09	2.2	5.03	21.61	5781	775	16235	-1565	-1346	-2751	18.4	71.6	270	593	
Light3	2022-02-23 20:09	2.2	5.03	21.61	6072	352	15992	-1546	-1294	-2779	19.7	70.3	275	425	
Light3	2022-02-23 20:09	2.2	5.03	22.53	5258	633	16284	-1101	-1143	-2931	16.7	73.3	291	415	
Light3	2022-02-23 20:09	2.2	5.03	22.53	5891	305	16181	-1086	-1113	-2950	18.9	71.1	297	213	
Light3	2022-02-23 20:09	2.2	5.01	22.53	6604	341	15358	-1037	-764	-3029	22.2	67.8	322	323	
Light3	2022-02-23 20:09	2.2	5.03	22.24	6669	526	15431	-915	-603	-3072	22.3	67.7	338	150	
Light3	2022-02-23 20:09	2.2	5.03	22.24	5948	-1022	16017	-573	18	-3124	19.2	70.8	357	338	
Light3	2022-02-23 20:09	2.2	5.03	22.24	5190	-675	16361	-511	54	-3123	16.4	73.6	5	494	
Light3	2022-02-23 20:09	2.2	5.03	21.93	4213	-2157	16424	-278	317	-3096	13.1	76.9	1	546	
Light3	2022-02-23 20:09	2.2	5.03	21.93	7007	510	14655	-848	35	-3086	24.5	65.5	18	452	
Light3	2022-02-23 20:09	1.9	5.01	21.35	7130	717	15629	-993	16	-3071	23.4	66.6	23	259	
Light3	2022-02-23 20:09	1.9	5.03	20.98	11205	796	12969	-1928	-17	-2741	40	50.0	22	369	
Light3	2022-02-23 20:09	1.9	5.03	20.98	11507	8	12863	-1991	29	-2703	41.1	48.9	13	395	
Light3	2022-02-23 20:09	1.9	5.01	21.06	11682	-415	12561	-2076	222	-2614	42.2	47.8	20	468	
Light3	2022-02-23 20:09	1.9	5.01	21.06	11759	560	12538	-2171	359	-2509	42.4	47.6	45	335	
Light3	2022-02-23 20:09	1.9	5.03	21.08	11527	674	12627	-2318	459	-2374	41.6	48.4	61	283	
Light3	2022-02-23 20:09	1.9	5.01	21.08	11469	1057	12639	-2427	519	-2255	41.4	48.6	73	409	
Light3	2022-02-23 20:09	1.9	5.01	21.04	10556	145	13136	-2461	687	-2157	38	52.0	85	318	
Light3	2022-02-23 20:10	1.9	5.01	20.92	11200	46	13262	-2687	568	-1991	39.4	50.6	96	514	
Light3	2022-02-23 20:10	1.9	5.03	20.79	10496	930	13694	-2696	562	-1993	36.5	53.5	103	328	
Light3	2022-02-23 20:10	1.6	5.03	20.69	10648	-102	13213	-2783	538	-1909	38.1	51.9	108	348	
Light3	2022-02-23 20:10	1.6	5.03	20.65	10583	722	13447	-2874	395	-1866	37.3	52.7	115	319	
Light3	2022-02-23 20:10	1.6	5.03	20.53	10050	600	14160	-3122	43	-1703	34.4	55.6	154	423	
Light3	2022-02-23 20:10	1.6	5.03	20.46	10519	637	13232	-3239	-180	-1595	37.6	52.4	172	461	
Light3	2022-02-23 20:10	1.6	5.03	20.46	10335	942	13618	-3254	-205	-1570	36.3	53.7	171	334	
Light3	2022-02-23 20:10	1.6	5.03	20.47	10075	-177	14013	-3258	-158	-1561	34.8	55.2	182	444	
Light3	2022-02-23 20:10	1.6	5.03	20.47	10337	988	13446	-3321	-267	-1486	36.6	53.4	176	295	
Light3	2022-02-23 20:10	1.6	5.03	20.59	10404	256	13725	-3238	-471	-1618	36.3	53.7	205	473	
Light3	2022-02-23 20:10	1.6	5.03	20.66	9666	242	14236	-3077	-958	-1810	33.2	56.8	233	518	
Light3	2022-02-23 20:10	1.2	5.03	20.82	9838	663	14106	-2962	-1240	-1868	33.9	56.1	246	286	
Light3	2022-02-23 20:10	1.2	5.01	21.18	9956	641	14189	-2765	-1401	-2004	34.1	55.9	257	274	
Light3	2022-02-23 20:10	1.2	5.03	21.36	9149	1221	13877	-2170	-1405	-2463	32.4	57.6	281	556	
Light3	2022-02-23 20:10	1.2	5.03	21.36	10489	486	13808	-2139	-1178	-2547	36.3	53.7	295	513	
Light3	2022-02-23 20:10	1.2	5.01	21.47	10328	784	13327	-2052	-997	-2638	36.9	53.1	310	504	
Light3	2022-02-23 20:10	1.2	5.03	21.18	10671	607	13287	-1882	-773	-2776	37.9	52.1	330	303	
Light3	2022-02-23 20:10	0.9	5.01	21.1	10824	504	13190	-1827	-459	-2816	38.6	51.4	349	418	
Light3	2022-02-23 20:10	0.9	5.01	21.22	11149	-298	12806	-1863	-434	-2798	40.3	49.7	339	533	
Light3	2022-02-23 20:10	0.9	5.03	21.22	10720	1140	13206	-1807	-282	-2830	38.1	51.9	11	433	
Light3	2022-02-23 20:11	0.9	5.03	21.1	14186	626	9186	-2709	-242	-2222	56.9	33.1	8	363	
Light3	2022-02-23 20:11	0.9	5.03	21.1	14039	454	9797	-2663	-256	-2256	54.8	35.2	3	313	
Light3	2022-02-23 20:11	0.9	5.03	21.23	14521	794	9520	-2738	-37	-2151	56.4	33.6	27	584	
Light3	2022-02-23 20:11	0.9	5.01	21.23	14224	801	9922	-2735	-38	-2147	54.7	35.3	29	216	
Light3	2022-02-23 20:11	0.9	5.03	21.25	14265	1040	9034	-2881	181	-1945	57.3	32.7	51	564	
Light3	2022-02-23 20:11	0.9	5.03	21.25	14991	-191	9313	-2847	236	-1961	58	32.0	30	517	
Light3	2022-02-23 20:11	0.9	5.03	21.25	14410	1255	9545	-3003	362	-1727	56	34.0	71	291	
Light3	2022-02-23 20:11	0.9	5.01	21.15	14501	581	9720	-3166	531	-1378	55.9	34.1	85	587	
Light3	2022-02-23 20:11	0.6	5.03	21.09	14406	221	9515	-3380	495	-973	56.4	33.6	100	497	
Light3	2022-02-23 20:11	0.6	5.03	21.09	14468	211	9599	-3356	548	-966	56.2	33.8	98	510	
Light3	2022-02-23 20:11	0.6	5.01	21.02	14639	312	9159	-3370	542	341	57.8	32.2	96	461	
Light3	2022-02-23 20:11	0.6	5.01	21.02	14554	-567	8607	-3441	469	-838	59.4	30.6	100	471	
Light3	2022-02-23 20:11	0.6	5.01	20.96	14456	756	9653	-3534	291	-758	55.9	34.1	112	499	
Light3	2022-02-23 20:11	0.6	5.01	20.76	13562	2796	9456	-3719	-718	-640	53.6	36.4	209	452	
Light3	2022-02-23 20:11	0.6	5.03	20.76	13501	3033	9656	-3720	-684	-627	52.7	37.3	201	569	
Light3	2022-02-23 20:11	0.6	5.03	20.76	12997	2864	9468	-3762	-711	-502	52.3	37.7	210	581	
Light3	2022-02-23 20:11	0.6	5.01	20.76	13769	2556	9861	-3764	-819	-468	53.1	36.9	228	485	
Light3	2022-02-23 20:11	0.3	5.01	20.78	13490	2491	10340	-3687	-1010	-676	51.2	38.8	237		

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-02-23 20:12	0.3	5.01	20.84	13531	389	10295	-3413	-1272	-1206	52.4	37.6	265	393	
Light3	2022-02-23 20:12	0	5.01	20.84	12489	-894	11993	-3300	-1271	-1400	45.5	44.5	260	434	
Light3	2022-02-23 20:12	0	5.03	20.83	13215	-629	9785	-2978	-1101	-1900	53.3	36.7	288	467	
Light3	2022-02-23 20:12	0	5.03	20.99	12486	724	11476	-2592	-1189	-2236	46.8	43.2	300	463	
Light3	2022-02-23 20:12	0	5.03	20.92	13826	536	10569	-2573	-745	-2327	52.2	37.8	330	510	
Light3	2022-02-23 20:12	0	5.03	20.92	16394	1295	2994	-3574	-312	-977	79.5	10.5	56	371	
Light3	2022-02-23 20:12	-0.4	5.03	21.28	16588	1988	4083	-3576	-140	-945	75.1	14.9	72	234	
Light3	2022-02-23 20:12	-0.4	5.03	21.28	16797	1526	4323	-3603	-54	-825	75.3	14.7	73	278	
Light3	2022-02-23 20:12	-0.4	5.01	21.28	16492	362	4661	-3540	482	-576	74.9	15.1	79	266	
Light3	2022-02-23 20:12	-0.4	5.01	21.28	16212	585	4033	-3590	573	-210	76.7	13.3	86	348	
Light3	2022-02-23 20:12	-0.4	5.03	21.27	16394	1347	4371	-3669	518	214	75	15.0	90	410	
Light3	2022-02-23 20:12	-0.4	5.03	21.27	16342	699	3316	-3696	472	278	79.2	10.8	90	455	
Light3	2022-02-23 20:12	-0.4	5.01	21.18	16351	185	4012	-3771	244	781	77.1	12.9	87	490	
Light3	2022-02-23 20:12	-0.4	5.03	21.09	16685	604	2240	-3814	-211	1188	83.1	6.9	264	550	
Light3	2022-02-23 20:12	-0.4	5.01	21.09	16999	115	3277	-3820	-211	1174	80	10.0	273	418	
Light3	2022-02-23 20:12	-0.4	5.03	21.02	16614	348	3095	-3887	-646	1007	80.4	9.6	269	362	
Light3	2022-02-23 20:12	-0.4	5.01	20.96	16491	317	3779	-3846	-1304	359	77.9	12.1	272	285	
Light3	2022-02-23 20:13	-0.4	5.03	20.95	16876	87	3262	-3810	-1379	71	80	10.0	275	323	
Light3	2022-02-23 20:13	-0.4	5.03	20.94	16899	-387	3198	-3806	-1395	62	80.2	9.8	273	357	
Light3	2022-02-23 20:13	-0.4	5.03	20.94	16924	-130	3121	-3718	-1399	-394	80.6	9.4	281	546	
Light3	2022-02-23 20:13	-0.4	5.03	20.96	16584	205	3792	-3735	-1377	-321	78	12.0	280	547	
Light3	2022-02-23 20:13	-0.4	5.03	21.05	16424	439	3203	-3576	-829	-1020	79.9	10.1	322	463	
Light3	2022-02-23 20:13	-0.4	5.03	21.13	16687	254	5272	-3450	-198	-1239	73	17.0	8	420	
Light3	2022-03-03 20:26	-3.3	5.03	21.44	-402	377	17564	511	337	-3028	-2.6	92.6	38	441	
Light3	2022-03-03 20:26	-3.3	5.03	21.44	4697	138	16492	-496	342	-3141	14.7	75.3	34	306	
Light3	2022-03-03 20:26	-3.3	5.03	21.14	8325	488	15161	-1269	189	-3039	27.7	62.3	30	152	
Light3	2022-03-03 20:26	-2.9	5.03	21.14	11700	-41	12269	-2082	267	-2654	43	47.0	26	465	
Light3	2022-03-03 20:26	-2.9	5.03	21.21	15596	-103	6604	-3155	246	-1585	67.5	22.5	34	478	
Light3	2022-03-03 20:26	-2.9	5.03	21.21	1274	1007	16993	29	513	-3095	3.1	86.9	55	398	
Light3	2022-03-03 20:26	-2.9	5.03	21.38	1262	316	17982	9	571	-3094	3	87.0	53	469	
Light3	2022-03-03 20:26	-2.9	5.03	21.38	5153	340	16439	-750	530	-3095	16.2	73.8	51	249	
Light3	2022-03-03 20:26	-2.9	5.03	21.38	7984	430	15192	-1344	498	-2951	26.7	63.3	49	432	
Light3	2022-03-03 20:26	-2.9	5.03	21.17	9107	373	14937	-1625	491	-2842	30.4	59.6	50	337	
Light3	2022-03-03 20:27	-2.9	5.03	21.31	13347	-71	10623	-2569	512	-2188	51.1	38.9	46	276	
Light3	2022-03-03 20:27	-2.9	5.03	21.31	15220	-178	7689	-2913	487	-1833	63.4	26.6	40	350	
Light3	2022-03-03 20:27	-2.9	5.03	21.31	15926	-4	5678	-3299	476	-1211	71	19.0	57	464	
Light3	2022-03-03 20:27	-2.6	5.03	21.42	-357	-534	17166	158	897	-3000	-2.5	92.5	67	369	
Light3	2022-03-03 20:27	-2.6	5.01	21.45	4547	185	16535	-783	683	-3043	14.2	75.8	62	401	
Light3	2022-03-03 20:27	-2.6	5.03	21.45	4862	266	16192	-854	716	-3031	15.6	74.4	62	432	
Light3	2022-03-03 20:27	-2.6	5.03	21.22	5639	-89	16182	-980	740	-2988	18.1	71.9	60	302	
Light3	2022-03-03 20:27	-2.6	5.03	21.16	9801	509	14244	-1871	691	-2658	33.6	56.4	62	445	
Light3	2022-03-03 20:27	-2.6	5.03	21.16	9760	975	14028	-1940	622	-2641	33.8	56.2	65	316	
Light3	2022-03-03 20:27	-2.6	5.03	21.22	12872	120	11856	-2559	602	-2178	46.8	43.2	61	448	
Light3	2022-03-03 20:27	-2.6	5.03	21.33	15633	623	5896	-3361	588	-984	69.7	20.3	75	386	
Light3	2022-03-03 20:27	-2.6	5.03	21.38	243	-8	16614	-159	873	-3041	-0.4	90.4	77	423	
Light3	2022-03-03 20:27	-2.6	5.03	21.38	5477	270	16207	-1286	814	-2889	17.5	72.5	79	356	
Light3	2022-03-03 20:27	-2.6	5.01	21.17	9586	607	14272	-2116	632	-2526	32.9	57.1	76	285	
Light3	2022-03-03 20:27	-2.6	5.03	21.14	12356	295	11996	-2698	678	-1982	45.2	44.8	78	284	
Light3	2022-03-03 20:27	-2.6	5.03	21.14	14867	-44	8162	-3233	674	-1188	61.3	28.7	79	194	
Light3	2022-03-03 20:27	-2.6	5.03	21.39	16336	350	4395	-3580	596	-222	75.7	14.3	86	209	
Light3	2022-03-03 20:27	-2.6	5.03	21.31	-304	2049	17414	10961	4488	294	-2.2	92.2	91	371	
Light3	2022-03-03 20:27	-2.6	5.03	21.17	5299	573	16131	-1522	782	-2805	17	73.0	93	519	
Light3	2022-03-03 20:27	-2.6	5.03	20.74	8750	616	14867	-2143	674	-2486	29.4	60.6	89	303	
Light3	2022-03-03 20:27	-2.6	5.03	20.92	8992	304	14846	-2250	710	-2393	30.2	59.8	93	591	
Light3	2022-03-03 20:27	-2.6	5.03	21.16	11925	451	12813	-2858	749	-1752	42.2	47.8	96	252	
Light3	2022-03-03 20:27	-2.3	5.03	21.33	14982	915	7334	-3453	571	-771	63.9	26.1	90	348	
Light3	2022-03-03 20:27	-2.3	5.03	21.33	14597	747	7880	-3407	531	-921	61.6	28.4	90	498	
Light3	2022-03-03 20:27	-2.3	5.03	21.37	1887	404	17490	-1253	720	-2922	5.1	84.9	117	370	
Light3	2022-03-03 20:27	-2.3	5.03	21.37	1935	146	16986	-1179	782	-2937	5.3	84.7	113	387	
Light3	2022-03-03 20:28	-2.3	5.03	21.32	6606	285	15763	-2092	637	-2540	21.6	68.4	112	561	
Light3	2022-03-03 20:28	-2.3	5.03	20.94	8984	1216	14515	-2547	512	-2218	30.7	59.3	109	480	
Light3	2022-03-03 20:28	-2.3	5.03	20.94	10707	599	13312	-2849	492	-1916	38	52.0	108	327	
Light3	2022-03-03 20:28	-2.6	5.03	21.09	12909	1343	11017	-3248	390	-1375	48.8	41.2	104	561	
Light3	2022-03-03 20:28	-2.3	5.03	21.27	13075	846	10195	-3290	511	-1217	51.6	38.4	101	327	
Light3	2022-03-03 20:28	-2.3	5.03	21.33	16084	351	5705	-3620	531	-120	71	19.0	92	424	
Light3	2022-03-03 20:28	-2.3	5.03	21.41	1244	1293	16887	-1208	474	-3009	3	87.0	123	295	
Light3	2022-03-03 20:28	-2.3	5.03	21.41	3188	1717	16831	-1592	375	-2883	9.5	80.5	122	454	
Light3	2022-03-03 20:28	-2.3	5.03	21.53	6655	1484	15575	-2231	382	-2524	21.9	68.1	118	307	
Light3	2022-03-03 20:28	-2.3	5.03	21.53	9965	1498	13967	-2809	354	-2014	34.4	55.6	115	399	
Light3	2022-03-03 20:28	-2.3	5.03	21	10229	1618	13707	-2860	347	257	35.6	54.4	108	460	
Light3	2022-03-03 20:28	-2.3	5.03	21	12643	1377	11381	-3274	348	-1349	47.2	42.8	110	299	
Light3	2022-03-03 20:28	-2.3	5.03	21.17	12959	1251	11149	-3298	367	-1305	48.6	41.4	108	301	
Light3	2022-03-03 20:28	-2.3	5.03	21.17	16200	682	4995	-3706	421	232	73.3	16.7	92	278	
Light3	2022-03-03 20:28	-2.3	5.03	21.26	16516	391	4984	-3690	467	213	73.8	16.2	92	571	
Light3	2022-03-03 20:28	-2.3	5.03	21.26	13264	436	9348	-3413	439	-996	54.7	35.3	104	597	
Light3	2022-03-03 20:28	-2.3	5.03	21.47	-171	-544	17323	-1222	586	-2975	-1.8	91.8	144	212	
Light3	2022-03-03 20:28	-2.3	5.03	21.47	-40	-431	17489	-1233	571	-2980	-1.4	91.4	143	549	
Light3	2022-03-03 20:28	-2.3	5.03	21.47	1615	-55	16850	-1551	516	-2878	4.3	85.7	141	568	
Light3	2022-03-03 20:28	-2.3	5.03	21.47	4306	290	16567	-2084	436	-2601	13.4	76.6	140	493	
Light3	2022-03-03 20:28	-2.3	5.03	21.5	8861	549	14958	-2818	285	-2020	29.6	60.4	138	298	
Light3	2022-03-03 20:28	-2.6	5.03	20.99	8425	430	15169	-2803	280	-2038	28	62.0	142	478	
Light3	2022-03-03 20:28	-2.6	5.03	21.06	11823	569	12435	-3306	257	-1343	42.8	47.2	131	444	
Light3	2022-03-03 20:28	-2.3	5.03	21.06	15631	798	6325	-3769	1						

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-03-03 20:28	-2.6	5.03	20.83	6449	457	16035	-2588	72	-2302	20.8	69.2	159	458	
Light3	2022-03-03 20:28	-2.6	5.03	20.83	10263	659	13578	-3196	25	-1604	36.2	53.8	154	355	
Light3	2022-03-03 20:28	-2.6	5.03	20.88	10341	713	13738	-3214	20	-1585	36.1	53.9	155	369	
Light3	2022-03-03 20:28	-2.6	5.03	20.88	12954	676	11515	-3547	-30	-959	47.8	42.2	153	589	
Light3	2022-03-03 20:28	-2.6	5.03	21.04	13284	688	10752	-3626	-11	-747	50.5	39.5	149	423	
Light3	2022-03-03 20:29	-2.6	5.03	21.12	16308	369	4185	-3814	15	864	76.4	13.6	75	552	
Light3	2022-03-03 20:29	-2.6	5.03	21.12	16435	428	4088	-3823	13	823	76.8	13.2	76	530	
Light3	2022-03-03 20:29	-2.6	5.03	21.15	1470	7	16894	-1738	36	-2877	3.8	86.2	169	393	
Light3	2022-03-03 20:29	-2.6	5.03	21.15	1905	59	16801	-1818	7	-2839	5.3	84.7	170	380	
Light3	2022-03-03 20:29	-2.6	5.03	20.8	7493	-437	15741	-2866	22	-2036	24.4	65.6	173	488	
Light3	2022-03-03 20:29	-2.6	5.03	20.92	11748	128	12658	-3477	-30	-1126	42.2	47.8	165	470	
Light3	2022-03-03 20:29	-2.6	5.03	21.02	14546	-838	8857	-3777	-11	-173	58.6	31.4	163	403	
Light3	2022-03-03 20:29	-2.6	5.03	21.09	14982	-599	7829	-3807	-17	23	62.5	27.5	151	345	
Light3	2022-03-03 20:29	-2.6	5.03	21.09	16418	-82	4344	-3832	-104	924	76	14.0	51	586	
Light3	2022-03-03 20:29	-2.6	5.03	21.12	2090	-170	16922	-1887	-281	-2801	5.8	84.2	189	458	
Light3	2022-03-03 20:29	-2.6	5.03	21.06	2199	-619	16724	-1950	-274	-2774	6.3	83.7	193	486	
Light3	2022-03-03 20:29	-2.6	5.03	20.76	7173	247	15396	-2798	-407	-2142	23.9	66.1	194	518	
Light3	2022-03-03 20:29	-2.6	5.03	20.72	11239	613	12431	-3421	-516	-1297	41.4	48.6	207	500	
Light3	2022-03-03 20:29	-2.6	5.04	20.85	13908	-289	9670	-3773	-425	-403	55	35.0	225	386	
Light3	2022-03-03 20:29	-2.6	5.03	20.95	14521	-422	8568	-3818	-434	-209	59.5	30.5	235	502	
Light3	2022-03-03 20:29	-2.6	5.03	20.95	16343	2049	17414	10961	4488	292	43.2	46.8	92	503	
Light3	2022-03-03 20:29	-2.9	5.03	21.17	1018	-11	17172	-1700	-576	-2876	2.2	87.8	202	431	
Light3	2022-03-03 20:29	-2.9	5.03	20.97	6721	-236	15064	-2646	-682	-2265	23	67.0	218	545	
Light3	2022-03-03 20:29	-2.9	5.03	20.68	7376	246	15440	-2769	-676	-2143	24.5	65.5	212	334	
Light3	2022-03-03 20:29	-2.9	5.01	20.75	11972	150	11669	-3487	-714	-1169	45.2	44.8	231	527	
Light3	2022-03-03 20:30	-2.9	5.03	20.75	12096	-308	12321	-3502	-647	-1144	43.8	46.2	228	321	
Light3	2022-03-03 20:30	-2.9	5.03	20.9	16089	51	5088	-3891	-777	621	73.1	16.9	270	515	
Light3	2022-03-03 20:30	-2.9	5.03	20.98	15699	164	5812	-3891	-801	523	70.2	19.8	269	540	
Light3	2022-03-03 20:30	-2.9	5.03	21	517	-199	16749	-1354	-765	-2956	0.5	89.5	217	496	
Light3	2022-03-03 20:30	-2.9	5.03	21	1116	-86	16478	-1469	-819	-2909	2.7	87.3	219	299	
Light3	2022-03-03 20:30	-2.9	5.03	21	4869	120	15929	-2071	-920	-2611	15.8	74.2	230	554	
Light3	2022-03-03 20:30	-2.9	5.03	21.56	5385	279	16422	-2316	-967	-2465	17	73.0	225	340	
Light3	2022-03-03 20:30	-2.9	5.03	21.56	8327	240	15306	-2758	-1030	-2074	27.5	62.5	235	464	
Light3	2022-03-03 20:30	-2.9	5.03	21.35	9329	240	14559	-2978	-1029	-1854	31.7	58.3	236	370	
Light3	2022-03-03 20:30	-2.9	5.03	20.91	12278	115	11752	-3439	-1061	-1167	45.7	44.3	249	536	
Light3	2022-03-03 20:30	-2.9	5.03	20.91	15198	201	7287	-3823	-1083	-5	64.6	25.4	265	327	
Light3	2022-03-03 20:30	-2.9	5.03	21.19	1364	-511	16647	-1257	-928	-2936	3.5	86.5	236	308	
Light3	2022-03-03 20:30	-2.9	5.03	21.19	3371	-531	16672	-1594	-963	-2822	10.2	79.8	241	378	
Light3	2022-03-03 20:30	-2.9	5.03	21.19	5221	-223	16343	-2003	-1086	-2605	16.6	73.4	242	396	
Light3	2022-03-03 20:30	-3.3	5.03	22.14	9801	314	13940	-2820	-1198	-1959	34.2	55.8	251	380	
Light3	2022-03-03 20:30	-3.3	5.03	21.11	13574	-12	10896	-3427	-1225	-1116	50.8	39.2	261	376	
Light3	2022-03-03 20:30	-3.3	5.03	21.11	14853	56	9230	-3460	-1256	-1016	58	32.0	270	590	
Light3	2022-03-03 20:30	-3.3	5.03	20.92	15776	246	5998	-3767	-1270	-91	69.7	20.3	271	275	
Light3	2022-03-03 20:30	-3.3	5.03	20.92	329	2060	17414	8749	4558	290	-0.1	90.1	91	257	
Light3	2022-03-03 20:30	-3.3	5.03	21.52	245	-473	17345	-748	-1038	-2976	-0.4	90.4	251	420	
Light3	2022-03-03 20:30	-3.3	5.03	21.52	6840	-15	15403	-1926	-1212	-2594	22.9	67.1	264	556	
Light3	2022-03-03 20:30	-3.3	5.03	21.52	6977	481	15591	-2216	-1275	-2416	23	67.0	251	465	
Light3	2022-03-03 20:30	-3.3	5.03	21	13297	-252	11474	-3208	-1312	-1433	48.7	41.3	267	415	
Light3	2022-03-03 20:31	-3.3	5.03	20.95	15614	419	6527	-3656	-1417	-369	67.6	22.4	273	305	
Light3	2022-03-03 20:31	-3.3	5.03	20.95	230	-846	17064	-476	-995	-3001	-0.5	90.5	266	376	
Light3	2022-03-03 20:31	-3.3	5.03	20.95	269	571	17029	-422	-1140	-2952	-0.3	90.3	269	459	
Light3	2022-03-03 20:31	-3.6	5.03	21.72	8119	520	15173	-2009	-1288	-2525	27.1	62.9	272	383	
Light3	2022-03-03 20:31	-3.6	5.01	21.72	10933	261	13442	-2592	-1308	-2127	38.3	51.7	273	449	
Light3	2022-03-03 20:31	-3.6	5.03	22.04	11313	484	12979	-2633	-1310	-2100	40.3	49.7	276	333	
Light3	2022-03-03 20:31	-3.6	5.01	22.04	13456	412	10344	-2961	-1276	-1774	52.1	37.9	286	535	
Light3	2022-03-03 20:31	-3.6	5.03	20.97	14406	-70	9096	-3295	-1238	-1318	57.7	32.3	277	113	
Light3	2022-03-03 20:31	-3.6	5.03	20.97	15919	635	6236	-3601	-1424	-553	68.9	21.1	277	554	
Light3	2022-03-03 20:31	-3.6	5.03	20.97	-57	-823	17715	-122	-818	-3025	-1.5	91.5	284	581	
Light3	2022-03-03 20:31	-3.6	5.03	20.97	151	-368	17323	-167	-932	-2995	-0.7	90.7	283	428	
Light3	2022-03-03 20:31	-3.6	5.03	21.94	7717	242	15374	-1723	-1141	-2712	25.6	64.4	284	561	
Light3	2022-03-03 20:31	-3.6	5.03	21.89	12864	-646	11769	-2779	-1083	-2045	47	43.0	284	376	
Light3	2022-03-03 20:31	-3.6	5.03	21.89	12788	-698	17409	-8147	4482	286	36.3	53.7	91	546	
Light3	2022-03-03 20:31	-3.9	5.03	21.14	15944	-769	5874	-3478	-1082	-1059	70.2	19.8	284	593	
Light3	2022-03-03 20:31	-3.9	5.01	21.14	15871	-500	5948	-3509	-1114	-963	69.9	20.1	283	460	
Light3	2022-03-03 20:31	-3.9	5.03	20.97	3036	232	17175	-512	-894	-3019	9	81.0	302	340	
Light3	2022-03-03 20:31	-3.9	5.03	21.95	10300	-501	14020	-2008	-836	-2663	35.4	54.6	302	441	
Light3	2022-03-03 20:31	-3.9	5.03	21.95	11695	-501	12556	-2354	-852	-2449	42.3	47.7	301	451	
Light3	2022-03-03 20:31	-3.9	5.03	21.14	14578	-142	8688	-3076	-949	-1755	59.2	30.8	298	178	
Light3	2022-03-03 20:31	-3.9	5.03	21.01	16206	-627	4444	-3559	-968	-901	75.4	14.6	286	486	
Light3	2022-03-03 20:31	-3.9	5.03	21.01	1129	-156	17519	15	-635	-3049	2.6	87.4	318	333	
Light3	2022-03-03 20:31	-3.9	5.03	21.01	7285	234	15969	-1150	-732	-3008	23.4	66.6	321	429	
Light3	2022-03-03 20:32	-3.9	5.03	22.19	11520	-103	12799	-2146	-786	-2594	41.3	48.7	315	263	
Light3	2022-03-03 20:32	-4.2	5.03	21.46	12718	49	11501	-2413	-818	-2415	47.4	42.6	317	540	
Light3	2022-03-03 20:32	-4.2	5.03	21.46	14668	455	8482	-2997	-840	-1867	59.9	30.1	316	379	
Light3	2022-03-03 20:32	-4.2	5.03	21	14964	240	8178	-3066	-829	-1794	61.4	28.6	313	548	
Light3	2022-03-03 20:32	-4.2	5.03	21	14626	888	8803	-2918	-816	-1973	58.7	31.3	328	236	
Light3	2022-03-03 20:32	-4.2	5.03	21.5	2696	173	17005	-86	-290	-3129	7.9	82.1	353	529	
Light3	2022-03-03 20:32	-4.2	5.03	21.5	4710	0	16547	-463	-301	-3142	14.7	75.3	350	572	
Light3	2022-03-03 20:32	-4.2	5.03	21.5	8452	449	14742	-1253	-421	-3034	28.8	61.2	349	325	
Light3	2022-03-03 20:32	-4.2	5.03	21.65	12779	275	11292	-2328	-412	-2530	48	42.0	348	426	
Light3	2022-03-03 20:32														

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-03-03 20:32	-4.6	5.03	21.25	16454	1629	1598	-3686	-351	-663	82.6	7.4	77	523	
Light3	2022-04-27 23:37	2.5	5.03	20.98	1097	979	17175	309	24	-3015	2.5	87.5	24	457	
Light3	2022-04-27 23:37	2.5	5.03	20.98	1357	265	17400	278	183	-3016	3.3	86.7	24	486	
Light3	2022-04-27 23:37	2.5	5.03	20.77	6449	906	16128	-844	36	-3039	20.6	69.4	26	505	
Light3	2022-04-27 23:37	2.5	5.04	20.69	10190	767	13507	-1768	58	-2765	36.1	53.9	28	366	
Light3	2022-04-27 23:37	2.5	5.03	20.82	12293	1461	11578	-2281	-124	-2494	45.9	44.1	30	568	
Light3	2022-04-27 23:37	2.5	5.03	21.09	12768	747	11412	-2382	-76	-2422	47.6	42.4	22	540	
Light3	2022-04-27 23:37	2.5	5.03	21.09	14136	527	9018	-2771	-47	-2097	57.3	32.7	22	457	
Light3	2022-04-27 23:37	2.5	5.03	21.39	14479	704	8657	-2898	-8	-1965	59	31.0	31	153	
Light3	2022-04-27 23:37	2.9	5.03	21.49	16087	442	4971	-3469	-12	-1188	73.4	16.6	40	371	
Light3	2022-04-27 23:37	2.9	5.03	21.49	16814	-257	5306	-3450	-13	-1234	73.1	16.9	8	459	
Light3	2022-04-27 23:37	2.9	5.03	21.2	1797	-107	17193	-15	659	-2981	4.8	85.2	50	302	
Light3	2022-04-27 23:37	2.5	5.03	20.98	5617	53	16111	-823	510	-2978	18.1	71.9	46	448	
Light3	2022-04-27 23:37	2.5	5.03	20.5	5873	546	15813	-871	502	-2974	19.2	70.8	49	356	
Light3	2022-04-27 23:37	2.5	5.03	20.5	7069	985	15557	-1156	482	-2909	23.3	66.7	54	417	
Light3	2022-04-27 23:37	2.9	5.03	20.49	9991	-77	14373	-1798	479	-2655	33.9	56.1	47	538	
Light3	2022-04-27 23:38	2.9	5.03	20.84	12450	777	11870	-2395	345	-2330	45.7	44.3	52	417	
Light3	2022-04-27 23:38	2.9	5.03	20.84	12298	390	12198	-2379	344	-2348	44.6	45.4	49	220	
Light3	2022-04-27 23:38	2.9	5.03	21.15	12625	587	11491	-2456	338	-2279	47.1	42.9	50	401	
Light3	2022-04-27 23:38	2.9	5.03	21.15	14144	846	10340	-2882	292	-1892	53.4	36.6	63	401	
Light3	2022-04-27 23:38	2.9	5.03	21.15	14453	1090	8984	-3017	252	-1767	57.8	32.2	62	469	
Light3	2022-04-27 23:38	2.9	5.03	21.3	15192	546	8332	-3073	309	-1682	61.2	28.8	55	468	
Light3	2022-04-27 23:38	2.9	5.03	21.3	14124	1121	9418	-2927	243	-1876	55.9	34.1	60	408	
Light3	2022-04-27 23:38	2.9	5.03	21.49	14921	918	8390	-3072	249	-1696	60.5	29.5	59	282	
Light3	2022-04-27 23:38	2.9	5.03	21.49	16312	695	4273	-3523	247	-946	75.9	14.1	66	578	
Light3	2022-04-27 23:38	2.9	5.03	21.49	16260	433	4506	-3527	272	-938	75.2	14.8	64	286	
Light3	2022-04-27 23:38	2.9	5.03	21.59	2016	830	16940	-358	658	-2986	5.6	84.4	69	590	
Light3	2022-04-27 23:38	2.9	5.03	21.32	2012	414	17409	-367	757	-2967	5.6	84.4	69	460	
Light3	2022-04-27 23:38	2.9	5.03	20.71	7690	-35	15476	-1530	722	-2709	25.4	64.6	66	355	
Light3	2022-04-27 23:38	2.9	5.03	20.95	9282	859	13623	-1939	606	-2549	33.3	56.7	68	590	
Light3	2022-04-27 23:38	2.9	5.03	21.08	13961	1581	9991	-2935	262	-1849	53.7	36.3	70	429	
Light3	2022-04-27 23:38	2.9	5.03	21.08	14017	1412	9925	-2951	285	-1830	54.1	35.9	70	323	
Light3	2022-04-27 23:38	2.9	5.03	21.08	14311	1634	9284	-3068	312	-1677	56.4	33.6	74	397	
Light3	2022-04-27 23:38	2.9	5.03	21.08	14292	1508	9044	-3097	300	-1642	57.1	32.9	74	584	
Light3	2022-04-27 23:38	2.9	5.03	21.51	15362	2665	7071	-3456	96	-1165	63.8	26.2	84	342	
Light3	2022-04-27 23:38	2.9	5.03	21.51	16433	2157	4245	-3683	77	-651	74.2	15.8	84	510	
Light3	2022-04-27 23:38	2.9	5.03	21.51	16181	2494	4025	-3693	102	-616	74	16.0	86	272	
Light3	2022-04-27 23:38	2.9	5.03	21.67	16367	1219	4204	-3640	334	-600	75.7	14.3	82	426	
Light3	2022-04-27 23:38	2.9	5.03	21.67	16618	310	4714	-3594	352	-729	74.8	15.2	74	480	
Light3	2022-04-27 23:38	2.9	5.03	21.47	2180	187	17021	-709	882	-2896	6.1	83.9	86	482	
Light3	2022-04-27 23:38	2.9	5.03	21.47	4403	658	16971	-1217	695	-2832	13.5	76.5	89	448	
Light3	2022-04-27 23:39	2.9	5.03	21.12	11316	345	12969	-2615	646	-2026	40.3	49.7	88	317	
Light3	2022-04-27 23:39	2.9	5.03	21.12	11220	623	12747	-2599	662	-2039	40.6	49.4	86	449	
Light3	2022-04-27 23:39	2.9	5.03	21.35	13377	1175	10071	-3091	595	-1490	52.5	37.5	87	537	
Light3	2022-04-27 23:39	2.9	5.03	21.35	14223	890	9499	-3217	552	-1345	55.9	34.1	87	537	
Light3	2022-04-27 23:39	2.9	5.03	21.57	15535	1235	7032	-3546	432	-764	65.5	24.5	90	547	
Light3	2022-04-27 23:39	2.9	5.03	21.57	16142	886	6141	-3552	460	-716	69.3	20.7	85	453	
Light3	2022-04-27 23:39	2.9	5.03	21.57	15469	1163	7130	-3558	477	-694	65.1	24.9	91	589	
Light3	2022-04-27 23:39	2.9	5.03	21.57	15644	1610	5594	-3620	396	-587	70	20.0	88	434	
Light3	2022-04-27 23:39	2.9	5.03	21.69	16393	1583	4770	-3649	383	-511	73.4	16.6	86	398	
Light3	2022-04-27 23:39	2.9	5.03	21.69	16569	1468	2504	-3797	382	137	80.8	9.2	90	299	
Light3	2022-04-27 23:39	2.5	5.03	21.69	932	-278	17354	-812	798	-2900	1.9	88.1	106	495	
Light3	2022-04-27 23:39	2.9	5.03	21.59	6576	235	16239	-2045	736	-2441	20.9	69.1	111	587	
Light3	2022-04-27 23:39	2.9	5.03	21.59	7074	-167	15579	-2038	753	-2435	23.3	66.7	105	585	
Light3	2022-04-27 23:39	2.9	5.03	21.09	7025	-115	15583	-2040	785	-2419	23.2	66.8	105	576	
Light3	2022-04-27 23:39	2.9	5.03	21.09	10245	564	12906	-2665	702	-1950	37.6	52.4	98	544	
Light3	2022-04-27 23:39	2.9	5.03	21.09	11194	474	12624	-2818	641	-1822	40.8	49.2	99	472	
Light3	2022-04-27 23:39	2.9	5.03	21.26	11271	499	12427	-2831	609	-1829	41.5	48.5	98	430	
Light3	2022-04-27 23:39	2.5	5.03	21.26	13334	648	10768	-3290	552	-1219	50.6	39.4	102	483	
Light3	2022-04-27 23:39	2.5	5.03	21.26	13591	700	10496	-3276	566	-1231	51.9	38.1	99	568	
Light3	2022-04-27 23:39	2.5	5.03	21.47	14905	1131	8407	-3555	457	-719	60.3	29.7	98	337	
Light3	2022-04-27 23:39	2.9	5.03	21.47	15102	750	7991	-3553	487	-697	62.1	27.9	96	428	
Light3	2022-04-27 23:39	2.5	5.03	21.64	15927	668	5890	-3675	537	-210	70	20.0	92	543	
Light3	2022-04-27 23:39	2.5	5.03	21.64	16748	-4	5189	-3688	567	-160	73.4	16.6	89	213	
Light3	2022-04-27 23:39	2.5	5.03	21.72	1755	545	16840	-1198	662	-2849	4.7	85.3	116	496	
Light3	2022-04-27 23:39	2.9	5.03	21.67	6933	850	15172	-2162	606	-2416	23.4	66.6	110	338	
Light3	2022-04-27 23:39	2.9	5.01	21.67	6547	551	15684	-2105	647	-2437	21.5	68.5	113	577	
Light3	2022-04-27 23:39	2.9	5.03	21.22	10047	526	13772	-2730	561	-1955	35.2	54.8	109	568	
Light3	2022-04-27 23:39	2.9	5.03	21.22	10260	241	13447	-2731	585	-1949	36.5	53.5	107	494	
Light3	2022-04-27 23:39	2.5	5.03	21.22	9815	720	13609	-2754	561	-1933	34.9	55.1	111	344	
Light3	2022-04-27 23:39	2.5	5.03	21.35	12382	1290	10941	-3225	467	-1376	47.8	42.2	104	559	
Light3	2022-04-27 23:39	2.5	5.03	21.35	12540	622	11769	-3199	493	-1408	46.2	43.8	108	508	
Light3	2022-04-27 23:40	2.5	5.03	21.35	13920	1119	10072	-3461	401	-999	53.6	36.4	106	527	
Light3	2022-04-27 23:40	2.5	5.03	21.52	14675	982	8574	-3576	389	-727	59.5	30.5	102	193	
Light3	2022-04-27 23:40	2.5	5.03	21.52	15204	1054	7060	-3665	459	-376	62.1	24.9	96	311	
Light3	2022-04-27 23:40	2.5	5.03	21.52	16145	1204	4737	-3803	410	267	73.7	16.3	91	245	
Light3	2022-04-27 23:40	2.5	5.01	21.67	16683	873	966	-3802	383	992	86.2	3.8	211	507	
Light3	2022-04-27 23:40	2.5	5.03	21.94	1253	1362	17243	-1311	200	-2924	3	87.0	137	423	
Light3	2022-04-27 23:40	2.5	5.03	21.94	1864	480	17244	-1541	291	-2822	5.1	84.9	145	547	
Light3	2022-04-27 23:40	2.5	5.03	22.3	2055	594	17146	-1538	295	-2823	5.7	84.3	142	393	
Light3	2022-04-27 23:40	2.5	5.03	22.3	6886	614	15971	-2522	255	-2261	22.2	67.8	144	567	
Light3	2022-04-27 23:40	2.5	5.03	21.84	6761	758	15240	-2507	247	-2267	22.8	67.2	141	274	
Light3	2022-04-27 23:40	2.5	5.03	21.84	6964	390	1555								

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-04-27 23:40	2.5	5.03	21.42	14115	1260	9692	-3713	0	-638	55	35.0	133	308	
Light3	2022-04-27 23:40	2.5	5.03	21.5	14554	1013	9790	-3740	20	-550	55.6	34.4	135	372	
Light3	2022-04-27 23:40	2.5	5.03	21.5	15752	1417	6123	-3925	-43	333	68.6	21.4	110	387	
Light3	2022-04-27 23:40	2.5	5.03	21.5	15496	1036	5855	-3897	86	275	69.4	20.6	102	517	
Light3	2022-04-27 23:40	2.2	5.03	21.64	16799	648	3997	-3894	90	928	77.2	12.8	79	589	
Light3	2022-04-27 23:40	2.2	5.03	21.72	16820	647	2736	-3895	73	914	81.5	8.5	85	569	
Light3	2022-04-27 23:40	2.2	5.03	21.74	16647	1197	2943	-3905	24	947	80	10.0	37	510	
Light3	2022-04-27 23:41	2.2	5.03	21.74	-223	226	17328	-1374	25	-2923	-2	92.0	168	317	
Light3	2022-04-27 23:41	2.2	5.03	21.74	43	-42	17143	-1383	24	-2919	-1.1	91.1	170	585	
Light3	2022-04-27 23:41	2.2	5.03	22.13	8021	517	15044	-2981	-171	-1905	27	63.0	175	510	
Light3	2022-04-27 23:41	2.2	5.03	21.35	11886	679	12160	-3506	-277	-1207	43.6	46.4	182	568	
Light3	2022-04-27 23:41	2.2	5.03	21.45	14924	2235	8323	-3932	-514	-100	59.8	30.2	216	588	
Light3	2022-04-27 23:41	2.2	5.03	21.57	16152	2534	4963	-4001	-642	697	71.2	18.8	267	358	
Light3	2022-04-27 23:41	2.2	5.03	21.57	16076	2444	4816	-3994	-640	772	71.7	18.3	268	580	
Light3	2022-04-27 23:41	2.2	5.03	21.57	16489	2202	1110	-3841	-573	1674	81.6	8.4	271	248	
Light3	2022-04-27 23:41	2.2	5.03	21.69	16680	2148	1021	-3825	-570	1700	82	8.0	271	499	
Light3	2022-04-27 23:41	1.9	5.03	21.7	899	583	17023	-1754	-421	-2790	1.8	88.2	188	228	
Light3	2022-04-27 23:41	1.9	5.03	21.7	913	807	16969	-1664	-487	-2827	1.9	88.1	189	380	
Light3	2022-04-27 23:41	2.2	5.03	21.69	2788	934	17615	-2177	-597	-2567	8.1	81.9	193	595	
Light3	2022-04-27 23:41	2.2	5.03	22.01	5719	735	16277	-2570	-655	-2297	18.2	71.8	202	531	
Light3	2022-04-27 23:41	2.2	5.03	22.01	5082	1383	15800	-2525	-663	-2334	16.6	73.4	195	503	
Light3	2022-04-27 23:41	1.9	5.03	21.27	6880	730	15372	-2749	-671	-2143	23	67.0	205	361	
Light3	2022-04-27 23:41	1.9	5.03	21.27	6284	874	15801	-2684	-702	-2205	20.5	69.5	204	471	
Light3	2022-04-27 23:41	1.9	5.03	21.21	7989	1107	15151	-2959	-798	-1948	26.7	63.3	210	423	
Light3	2022-04-27 23:41	1.9	5.03	21.21	8703	2976	14105	-3220	-979	-1617	30.1	59.9	204	373	
Light3	2022-04-27 23:41	1.9	5.03	21.29	10405	2602	12773	-3377	-891	-1418	37.7	52.3	208	382	
Light3	2022-04-27 23:41	1.9	5.03	21.29	10555	1421	13101	-3427	-787	-1356	37.9	52.1	214	407	
Light3	2022-04-27 23:41	1.9	5.03	21.29	12500	1497	11843	-3685	-830	-857	45.7	44.3	226	565	
Light3	2022-04-27 23:41	1.9	5.03	21.29	13343	1195	11211	-3727	-828	-756	49.3	40.7	233	494	
Light3	2022-04-27 23:41	1.9	5.03	21.37	14782	1387	8257	-3930	-863	-63	60.4	29.6	253	401	
Light3	2022-04-27 23:41	1.9	5.03	21.37	15132	1631	8042	-3959	-840	49	61.5	28.5	254	332	
Light3	2022-04-27 23:41	1.9	5.03	21.57	15034	1769	7352	-3969	-835	163	63.4	26.6	257	496	
Light3	2022-04-27 23:41	1.9	5.03	21.57	15254	1618	7602	-3972	-838	157	63	27.0	257	417	
Light3	2022-04-27 23:41	1.9	5.03	21.57	16636	1646	3330	-3953	-852	1164	78	12.0	270	361	
Light3	2022-04-27 23:42	1.9	5.03	21.62	16590	1628	3473	-3954	-837	1204	77.6	12.4	269	189	
Light3	2022-04-27 23:42	1.9	5.03	21.62	1929	1115	17035	-1889	-712	-2711	5.3	84.7	198	512	
Light3	2022-04-27 23:42	1.9	5.03	21.68	985	844	17049	-1678	-739	-2793	2.1	87.9	202	349	
Light3	2022-04-27 23:42	1.9	5.03	21.68	5330	730	16330	-2458	-821	-2369	16.9	73.1	211	265	
Light3	2022-04-27 23:42	1.9	5.03	21.27	10102	97	13671	-3304	-785	-1541	35.6	54.4	224	568	
Light3	2022-04-27 23:42	1.9	5.03	21.31	11352	701	13117	-3514	-864	-1205	40	50.0	227	526	
Light3	2022-04-27 23:42	1.9	5.03	21.35	13295	1314	10764	-3758	-918	-653	50.3	39.7	239	546	
Light3	2022-04-27 23:42	1.9	5.03	21.35	13264	1151	10423	-3727	-909	-744	51.3	38.7	240	332	
Light3	2022-04-27 23:42	1.6	5.03	21.45	14189	1589	8708	-3886	-958	-238	57.9	32.1	251	470	
Light3	2022-04-27 23:42	1.6	5.03	21.45	14145	2147	9714	-3896	-1010	-172	54.5	35.5	248	596	
Light3	2022-04-27 23:42	1.6	5.01	21.55	16654	1631	4078	-3977	-981	936	75.8	14.2	270	311	
Light3	2022-04-27 23:42	1.6	5.03	21.55	16795	1114	178	-3800	-818	1800	85.8	4.2	285	440	
Light3	2022-04-27 23:42	1.6	5.03	21.55	17065	-165	1201	-3899	-774	1458	87.3	2.7	244	356	
Light3	2022-04-27 23:42	1.6	5.03	21.71	-1676	1996	17125	-1084	-1180	-2860	-6.8	96.8	211	509	
Light3	2022-04-27 23:42	1.6	5.01	21.71	3406	687	16840	-2052	-994	-2584	10.2	79.8	218	563	
Light3	2022-04-27 23:42	1.6	5.03	22.01	3707	536	17418	-2103	-1014	-2551	11.2	78.8	221	598	
Light3	2022-04-27 23:42	1.6	5.03	22.01	8094	554	15453	-2881	-1033	-1975	26.6	63.4	228	581	
Light3	2022-04-27 23:42	1.6	5.03	21.37	8440	754	14590	-2905	-1105	-1948	29	61.0	233	318	
Light3	2022-04-27 23:42	1.6	5.01	21.37	10196	1009	14009	-3153	-1155	-1653	35.1	54.9	237	487	
Light3	2022-04-27 23:42	1.6	5.03	21.37	11874	860	12312	-3449	-1192	-1235	43.2	46.8	246	325	
Light3	2022-04-27 23:42	1.6	5.03	21.31	12366	719	11321	-3506	-1173	-1128	46.9	43.1	250	437	
Light3	2022-04-27 23:42	1.6	5.03	21.42	14656	654	9474	-3796	-1198	-465	56.8	33.2	259	552	
Light3	2022-04-27 23:42	1.6	5.03	21.42	14402	902	9421	-3808	-1227	-407	56.5	33.5	259	483	
Light3	2022-04-27 23:42	1.6	5.03	21.5	15795	1314	6800	-3928	-1300	211	66.5	23.5	268	471	
Light3	2022-04-27 23:42	1.6	5.03	21.5	16029	1070	6133	-3933	-1300	335	69.1	20.9	269	346	
Light3	2022-04-27 23:42	1.6	5.01	21.5	16552	1045	5255	-3931	-1371	560	72.5	17.5	271	386	
Light3	2022-04-27 23:43	1.6	5.03	21.64	16827	797	2462	-3929	-1243	1077	82.2	7.8	270	445	
Light3	2022-04-27 23:43	1.6	5.01	21.64	16502	1294	1358	-3905	-1224	1257	84.1	5.9	276	511	
Light3	2022-04-27 23:43	1.2	5.03	21.64	16525	898	781	-3877	-1200	1406	86.4	3.6	281	522	
Light3	2022-04-27 23:43	1.2	5.03	21.64	694	418	18297	-1275	-1303	-2786	1.1	88.9	236	429	
Light3	2022-04-27 23:43	1.2	5.03	21.92	136	651	17404	-1095	-1274	-2831	-0.8	90.8	235	533	
Light3	2022-04-27 23:43	1.2	5.03	21.92	-339	1105	17188	-970	-1297	-2843	-2.4	92.4	234	511	
Light3	2022-04-27 23:43	1.2	5.03	21.92	-99	533	17287	-993	-1245	-2850	-1.6	91.6	237	362	
Light3	2022-04-27 23:43	1.2	5.03	21.92	6657	100	16112	-2230	-1237	-2424	21.3	68.7	247	452	
Light3	2022-04-27 23:43	1.2	5.03	21.92	6201	744	16084	-2230	-1311	-2390	19.9	70.1	243	593	
Light3	2022-04-27 23:43	1.2	5.03	22.24	7501	353	16056	-2371	-1402	-2281	23.9	66.1	250	426	
Light3	2022-04-27 23:43	1.2	5.01	22.24	9558	1041	14088	-2803	-1464	-1924	33.1	56.9	253	358	
Light3	2022-04-27 23:43	1.2	5.03	21.49	11542	941	12786	-3064	-1479	-1634	41.2	48.8	260	540	
Light3	2022-04-27 23:43	1.2	5.03	21.49	12465	1440	11910	-3316	-1588	-1258	45.4	44.6	260	333	
Light3	2022-04-27 23:43	1.2	5.03	21.31	12718	1665	11017	-3342	-1579	-1209	48.2	41.8	263	319	
Light3	2022-04-27 23:43	1.2	5.03	21.42	14798	1541	8708	-3644	-1594	-598	59	31.0	269	549	
Light3	2022-04-27 23:43	1.2	5.03	21.42	14904	1441	8673	-3701	-1574	-470	59.3	30.7	267	270	
Light3	2022-04-27 23:43	1.2	5.03	21.42	15319	1645	7409	-3759	-1598	-256	63.7	26.3	270	473	
Light3	2022-04-27 23:43	1.2	5.03	21.42	15213	1957	6917	-3757	-1626	-208	64.8	25.2	271	451	
Light3	2022-04-27 23:43	1.2	5.03	21.53	15437	1195	7052	-3798	-1549	-183	65.3	24.7	271	256	
Light3	2022-04-27 23:43	1.2	5.03	21.53	16281	1518	4485	-3839	-1592	123	74.3	15.7	277	381	
Light3	2022-04-27 23:43	1.2	5.03	21.53	16663	892	2605	-3900	-1489	725	81.5	8.5	274	344	
Light3	2022-04-27 23:43	1.2	5.03	21.58	16561	953	2538	-3910	-1485	764	81.6	8.4	274	444	

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration		
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-04-27 23:43		1.2	5.01	22.45	6305	180	15780	-1975	-1272	-2555	20.7	69.3	256	398
Light3	2022-04-27 23:43		1.2	5.03	22.45	7563	314	15901	-2229	-1309	-2394	24.3	65.7	255	570
Light3	2022-04-27 23:43		0.9	5.03	21.96	9486	239	14471	-2552	-1378	-2156	32.3	57.7	261	415
Light3	2022-04-27 23:43		0.9	5.03	21.96	10048	217	13624	-2596	-1367	-2135	35.6	54.4	267	448
Light3	2022-04-27 23:43		0.9	5.03	21.31	11878	996	12539	-3023	-1531	-1651	42.6	47.4	265	589
Light3	2022-04-27 23:44		0.9	5.01	21.25	11585	968	12778	-3001	-1511	-1695	41.4	48.6	263	314
Light3	2022-04-27 23:44		0.9	5.03	21.26	14880	742	8417	-3593	-1541	-773	60.4	29.6	272	511
Light3	2022-04-27 23:44		0.9	5.03	21.26	14560	1136	7534	-3603	-1517	-745	62.5	27.5	274	560
Light3	2022-04-27 23:44		0.9	5.03	21.55	16223	819	5015	-3824	-1562	-45	73.2	16.8	275	272
Light3	2022-04-27 23:44		0.9	5.01	21.65	16860	986	1635	-3885	-1572	610	84.4	5.6	284	506
Light3	2022-04-27 23:44		0.9	5.03	21.65	16592	497	3387	-3887	-1467	227	79.3	10.7	275	216
Light3	2022-04-27 23:44		0.6	5.03	21.72	-1253	1061	17340	-489	-1374	-2842	-5.5	95.5	249	450
Light3	2022-04-27 23:44		0.6	5.01	21.72	-348	562	16917	-340	-1266	-2876	-2.4	92.4	266	510
Light3	2022-04-27 23:44		0.9	5.03	21.72	-341	1145	17356	-411	-1411	-2830	-2.4	92.4	263	431
Light3	2022-04-27 23:44		0.9	5.03	21.72	116	1304	16898	-472	-1433	-2808	-0.8	90.8	265	460
Light3	2022-04-27 23:44		0.9	5.03	21.72	-238	1424	16984	-421	-1452	-2806	-2	92.0	263	599
Light3	2022-04-27 23:44		0.9	5.01	22.44	5949	921	16143	-1584	-1424	-2650	19.1	70.9	270	382
Light3	2022-04-27 23:44		0.6	5.03	22.44	6160	669	16281	-1638	-1399	-2648	19.6	70.4	269	388
Light3	2022-04-27 23:44		0.6	5.03	22.44	6326	896	15749	-1666	-1428	-2625	20.7	69.3	271	549
Light3	2022-04-27 23:44		0.6	5.03	21.92	7079	729	15714	-1792	-1412	-2584	23.1	66.9	272	297
Light3	2022-04-27 23:44		0.6	5.01	21.92	7906	286	15807	-1892	-1376	-2551	25.5	64.5	273	564
Light3	2022-04-27 23:44		0.6	5.03	21.24	11549	634	12509	-2606	-1384	-2112	42	48.0	282	579
Light3	2022-04-27 23:44		0.6	5.03	21.33	13894	1252	9829	-3173	-1539	-1487	54.2	35.8	281	333
Light3	2022-04-27 23:44		0.6	5.03	21.42	15778	1103	6003	-3636	-1541	-660	69.2	20.8	282	176
Light3	2022-04-27 23:44		0.6	5.03	21.42	16685	918	582	-3896	-1530	461	86.5	3.5	349	507
Light3	2022-04-27 23:44		0.6	5.03	21.42	16111	1521	946	-3873	-1596	411	84	6.0	326	563
Light3	2022-04-27 23:44		0.6	5.03	21.42	-1703	854	17029	228	-1190	-2847	-7	97.0	284	335
Light3	2022-04-27 23:45		0.6	5.03	22.03	7076	733	15488	-1471	-1282	-2762	23.4	66.6	291	352
Light3	2022-04-27 23:45		0.6	5.03	22.03	7693	1180	15331	-1614	-1342	-2689	25.5	64.5	290	403
Light3	2022-04-27 23:45		0.6	5.03	21.92	8898	735	14681	-1746	-1353	-2633	30.2	59.8	294	291
Light3	2022-04-27 23:45		0.6	5.01	21.92	11072	1183	12860	-2368	-1405	-2302	39.8	50.2	291	568
Light3	2022-04-27 23:45		0.6	5.03	21.13	11911	1455	12394	-2494	-1452	-2187	42.9	47.1	292	569
Light3	2022-04-27 23:45		0.6	5.03	21.15	13290	1483	10534	-2864	-1476	-1863	50.9	39.1	292	552
Light3	2022-04-27 23:45		0.6	5.03	21.15	14059	1440	9576	-3021	-1483	-1704	55.2	34.8	293	492
Light3	2022-04-27 23:45		0.6	5.03	21.35	15574	1374	7105	-3406	-1503	-1155	65.2	24.8	291	510
Light3	2022-04-27 23:45		0.3	5.03	21.54	16680	1618	2720	-3767	-1545	-286	79.9	10.1	303	424
Light3	2022-04-27 23:45		0.3	5.03	21.54	-459	185	17248	388	-798	-2917	-2.8	92.8	316	431
Light3	2022-04-27 23:45		0.3	5.03	21.54	5379	236	16413	-764	-833	-2996	17	73.0	316	364
Light3	2022-04-27 23:45		0.3	5.03	22.25	5075	188	16421	-788	-830	-3000	16	74.0	312	299
Light3	2022-04-27 23:45		0.3	5.03	22.25	8516	242	14286	-1235	-865	-2908	29.8	60.2	325	283
Light3	2022-04-27 23:45		0.3	5.03	22.25	8989	376	14460	-1612	-918	-2795	30.9	59.1	314	514
Light3	2022-04-27 23:45		0.3	5.03	21.18	9115	647	14355	-1624	-901	-2791	31.4	58.6	318	162
Light3	2022-04-27 23:45		0.3	5.01	21.04	12626	1048	11289	-2552	-984	-2280	47.5	42.5	315	577
Light3	2022-04-27 23:45		0.3	5.03	21.04	13245	637	10969	-2629	-935	-2214	49.9	40.1	313	326
Light3	2022-04-27 23:45		0.3	5.03	21.3	15529	122	6810	-3329	-913	-1508	66.7	23.3	304	394
Light3	2022-04-27 23:45		0.3	5.03	21.3	15859	-20	6223	-3418	-877	-1368	69	21.0	301	357
Light3	2022-04-27 23:45		0.3	5.03	21.54	16504	421	1798	-3832	-975	-450	84.8	5.2	307	294
Light3	2022-04-27 23:45		0.3	5.03	21.71	748	431	16814	435	-527	-2957	1.3	88.7	343	330
Light3	2022-04-27 23:45		0.3	5.03	21.71	304	131	17764	366	-458	-2976	-0.2	90.2	340	538
Light3	2022-04-27 23:45		0.3	5.03	22.09	5153	1100	16193	-713	-558	-3044	16.5	73.5	346	482
Light3	2022-04-27 23:45		0.3	5.03	22.09	11091	1170	13086	-2063	-638	-2642	39.4	50.6	343	397
Light3	2022-04-27 23:45		0	5.03	20.99	11716	1420	12807	-2057	-758	-2626	41.5	48.5	342	498
Light3	2022-04-27 23:46		0	5.03	21.38	15119	1440	7688	-3080	-819	-1823	62.7	27.3	343	498
Light3	2022-04-27 23:46		0	5.03	21.47	15366	1895	7077	-3216	-867	-1643	64.6	25.4	350	275
Light3	2022-04-27 23:46		0	5.03	21.47	16592	962	2633	-3632	-850	-944	81.3	8.7	357	556
Light3	2022-04-27 23:46		0	5.03	21.61	1937	726	17853	81	-298	-3048	5.3	84.7	0	551
Light3	2022-04-27 23:46		0	5.03	21.24	6625	259	15958	-866	121	-3039	21.4	68.6	23	498
Light3	2022-04-27 23:46		0	5.03	20.37	10897	155	12798	-1727	185	-2769	39.7	50.3	21	359
Light3	2022-04-27 23:46		0	5.03	20.37	11651	379	12351	-2078	69	-2605	42.6	47.4	23	374
Light3	2022-04-27 23:46		0	5.03	21.1	14344	243	9395	-2835	33	-2034	56.6	33.4	24	491
Light3	2022-04-27 23:46		0	5.03	21.1	15073	652	7284	-3199	68	-1600	64.3	25.7	45	515
Light3	2022-04-27 23:46		0	5.01	21.1	15833	222	6047	-3323	33	-1440	69.6	20.4	30	411
Light3	2022-04-27 23:46		0	5.03	21.54	16683	872	776	-3833	-170	-379	86.5	3.5	85	577
Light3	2022-04-27 23:46		0	5.03	21.54	16918	996	1174	-3817	187	-176	85.5	4.5	88	340
Light3	2022-04-27 23:46		0	5.03	21.72	16682	1017	1083	-3810	204	-130	85.6	4.4	89	402
Light3	2022-05-25 00:43		8.3	5.03	21.25	-15519	-468	6454	3053	277	95	-70.2	160.2	79	442
Light3	2022-05-25 00:43		8.3	5.03	21.44	-1489	1383	16954	956	5	-2811	-6.2	96.2	25	407
Light3	2022-05-25 00:43		8.3	5.03	21.44	-217	101	17183	672	159	-2910	-2	92.0	20	402
Light3	2022-05-25 00:43		8.7	5.03	21.68	7577	-240	15398	-979	212	-3009	25.1	64.9	19	577
Light3	2022-05-25 00:43		8.7	5.03	20.8	11017	-299	13132	-1820	210	-2730	39.2	50.8	18	155
Light3	2022-05-25 00:43		8.7	5.03	20.8	12477	162	11297	-2184	168	-2524	47.4	42.6	23	261
Light3	2022-05-25 00:43		8.7	5.03	21.01	14126	-502	10018	-2627	163	-2192	54.4	35.6	14	304
Light3	2022-05-25 00:43		8.7	5.03	21.01	14419	520	9396	-2760	122	-2074	56.7	33.3	34	539
Light3	2022-05-25 00:43		8.7	5.03	21.01	15553	482	6871	-3144	61	-1668	66.4	23.6	34	452
Light3	2022-05-25 00:43		8.7	5.03	21.3	16835	-272	2972	-3613	36	-843	81	9.0	10	425
Light3	2022-05-25 00:43		8.7	5.03	21.45	16856	561	237	-3794	9	-297	87.8	2.2	97	482
Light3	2022-05-25 00:43		8.7	5.04	21.45	16386	348	-178	-3797	98	-218	87.3	2.7	128	429
Light3	2022-05-25 00:43		8.7	5.03	21.41	2695	470	17176	-67	441	-3039	7.9	82.1	41	495
Light3	2022-05-25 00:43		8.7	5.03	21.41	2044	884	16725	17	436	-3034	5.8	84.2	46	430
Light3	2022-05-25 00:43		8.7	5.03	21.41	1852	1036	16662	78	414	-3031	5.1	84.9	45	444
Light3	2022-05-25 00:43		8.7	5.01	21.41	1838	11								

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec^2)	Ax	Ay	Az								
Light3	2022-05-25 00:43	8.7	5.03	21.16	15116	762	7625	-2999	416	-1743	63.2	26.8	54	304	
Light3	2022-05-25 00:43	8.7	5.03	21.16	15793	997	6297	-3279	347	-1381	68.3	21.7	64	449	
Light3	2022-05-25 00:43	8.7	5.01	21.16	15925	711	6205	-3322	351	-1310	69	21.0	63	377	
Light3	2022-05-25 00:43	8.7	5.03	21.31	16110	736	5488	-3396	339	-1172	71.5	18.5	65	336	
Light3	2022-05-25 00:43	8.7	5.03	21.31	16381	981	4191	-3464	324	-1062	76	14.0	67	430	
Light3	2022-05-25 00:43	8.7	5.03	21.31	16509	1500	3072	-3639	241	-675	79	11.0	80	596	
Light3	2022-05-25 00:43	8.7	5.03	21.31	16386	1777	2678	-3687	190	-556	79.5	10.5	84	465	
Light3	2022-05-25 00:43	8.7	5.01	21.41	17076	1037	1311	-3737	196	-399	85.1	4.9	86	260	
Light3	2022-05-25 00:43	8.7	5.03	21.41	16785	1473	1137	-3756	178	-318	84.1	5.9	89	339	
Light3	2022-05-25 00:43	8.7	5.03	21.47	16706	1112	601	-3776	251	-160	85.9	4.1	94	342	
Light3	2022-05-25 00:43	8.7	5.01	21.47	16700	1211	628	-3781	265	-130	85.5	4.5	94	216	
Light3	2022-05-25 00:43	8.7	5.03	21.47	1255	-680	16994	96	940	-2926	3	87.0	55	479	
Light3	2022-05-25 00:43	8.7	5.03	21.62	1625	-963	17176	-26	976	-2919	4.2	85.8	56	339	
Light3	2022-05-25 00:43	8.7	5.03	21.62	7135	-678	15446	-1189	801	-2851	23.7	66.3	51	388	
Light3	2022-05-25 00:43	8.7	5.03	21.51	7697	-637	15230	-1324	806	-2798	25.8	64.2	52	390	
Light3	2022-05-25 00:43	8.7	5.01	21.51	11661	90	12568	-2237	650	-2381	42.2	47.8	57	597	
Light3	2022-05-25 00:43	8.7	5.01	20.88	12774	483	10732	-2486	669	-2158	49.5	40.5	58	409	
Light3	2022-05-25 00:44	8.7	5.03	20.88	14746	285	8292	-3054	662	-1556	60.7	29.3	67	423	
Light3	2022-05-25 00:44	8.7	5.03	21.17	14983	-144	7694	-3117	618	-1501	63	27.0	61	224	
Light3	2022-05-25 00:44	8.7	5.03	21.17	14927	195	7855	-3106	625	-1510	62.4	27.6	65	305	
Light3	2022-05-25 00:44	8.7	5.01	21.17	15612	528	6307	-3326	566	-1185	68.3	21.7	70	383	
Light3	2022-05-25 00:44	8.7	5.03	21.26	16743	-40	3197	-3590	577	-518	80.2	9.8	72	444	
Light3	2022-05-25 00:44	8.7	5.03	21.26	16974	317	2065	-3636	592	-340	84.1	5.9	79	360	
Light3	2022-05-25 00:44	8.7	5.03	21.43	-38	226	17373	68	862	-2968	-1.4	91.4	70	375	
Light3	2022-05-25 00:44	8.7	5.03	22.05	6691	422	16275	-1330	812	-2807	21.2	68.8	71	425	
Light3	2022-05-25 00:44	8.7	5.01	22.05	9215	377	14491	-1773	805	-2620	31.5	58.5	65	471	
Light3	2022-05-25 00:44	8.3	5.01	22.05	11519	422	12579	-2373	767	-2246	41.8	48.2	70	419	
Light3	2022-05-25 00:44	8.3	5.03	20.85	12031	-198	12570	-2481	786	-2146	43.1	46.9	71	270	
Light3	2022-05-25 00:44	8.3	5.03	20.85	12978	-73	11117	-2687	832	-1921	49	41.0	70	484	
Light3	2022-05-25 00:44	8.3	5.03	20.98	14434	-365	9008	-3060	873	-1447	58	32.0	73	352	
Light3	2022-05-25 00:44	8.3	5.01	20.98	16269	-154	5269	-3469	780	-724	72.7	17.3	76	288	
Light3	2022-05-25 00:44	8.3	5.03	21.29	16871	176	1713	-3686	671	-19	85.4	4.6	84	389	
Light3	2022-05-25 00:44	8.3	5.03	21.29	16759	190	-269	-3720	685	465	87.3	2.7	264	439	
Light3	2022-05-25 00:44	8.3	5.03	21.48	-584	-451	16886	-91	1110	-2904	-3.2	93.2	84	515	
Light3	2022-05-25 00:44	8.3	5.03	21.48	1729	-405	17267	-679	1050	-2893	4.6	85.4	89	208	
Light3	2022-05-25 00:44	8.3	5.03	21.92	7208	-386	15498	-1707	998	-2581	23.9	66.1	83	344	
Light3	2022-05-25 00:44	8.3	5.03	20.82	10680	165	12848	-2431	876	-2138	39	51.0	81	315	
Light3	2022-05-25 00:44	8.3	5.03	20.87	12978	116	11055	-2926	812	-1657	49.1	40.9	84	439	
Light3	2022-05-25 00:44	8.3	5.03	20.87	14084	70	10181	-3151	822	-1339	53.8	36.2	87	379	
Light3	2022-05-25 00:44	8.3	5.03	21.08	15085	-36	7827	-3373	840	-902	62.7	27.3	85	485	
Light3	2022-05-25 00:44	8.3	5.01	21.08	16437	-246	5312	-3512	792	-576	72.7	17.3	79	588	
Light3	2022-05-25 00:44	8.3	5.03	21.08	16456	153	4337	-3639	759	-130	76	14.0	86	439	
Light3	2022-05-25 00:44	8.3	5.03	21.33	16883	349	1569	-3716	701	451	85.8	4.2	92	341	
Light3	2022-05-25 00:44	8.3	5.03	21.33	16649	689	-1097	-3702	680	1025	83.9	6.1	270	278	
Light3	2022-05-25 00:44	8.3	5.03	21.44	1938	-337	17008	-786	980	-2895	5.3	84.7	92	449	
Light3	2022-05-25 00:44	8.3	5.03	21.44	5191	322	16462	-1550	843	-2703	16.3	73.7	97	373	
Light3	2022-05-25 00:44	8.3	5.03	21.41	9869	367	13944	-2534	808	-2084	34.4	55.6	98	289	
Light3	2022-05-25 00:44	8.3	5.03	20.86	13067	316	10980	-3124	732	-1435	49.5	40.5	94	412	
Light3	2022-05-25 00:44	8.3	5.03	20.86	15048	948	7579	-3449	739	-798	63.2	26.8	89	103	
Light3	2022-05-25 00:44	8.3	5.03	20.86	15495	398	6836	-3595	701	-393	66.5	23.5	91	504	
Light3	2022-05-25 00:45	8.3	5.03	21.12	16338	142	4327	-3718	695	238	76	14.0	89	429	
Light3	2022-05-25 00:45	8.3	5.01	21.12	16701	-366	3664	-3715	709	508	78.5	11.5	89	416	
Light3	2022-05-25 00:45	8.3	5.03	21.12	16742	308	1161	-3696	684	1037	87.1	2.9	106	321	
Light3	2022-05-25 00:45	8.3	5.01	21.43	16807	200	-1088	-3636	648	1395	84.5	5.5	279	365	
Light3	2022-05-25 00:45	8.3	5.01	21.44	2343	1229	16717	-1331	645	-2858	6.8	83.2	114	321	
Light3	2022-05-25 00:45	8.3	5.03	21.26	12056	55	12121	-3117	739	-1440	44.2	45.8	105	297	
Light3	2022-05-25 00:45	8.3	5.03	20.96	14793	114	8397	-3610	598	-498	60.5	29.5	100	477	
Light3	2022-05-25 00:45	8.3	5.03	20.96	16153	429	5753	-3752	534	102	70.8	19.2	93	520	
Light3	2022-05-25 00:45	8.3	5.03	21.2	16587	-367	3551	-3761	594	437	78.9	11.1	89	321	
Light3	2022-05-25 00:45	8	5.03	21.2	16750	16	2071	-3735	550	1008	84.2	5.8	95	473	
Light3	2022-05-25 00:45	8	5.03	21.46	16765	441	-585	-3657	464	1551	85.9	4.1	279	523	
Light3	2022-05-25 00:45	8	5.03	21.46	16770	634	-5	-3689	435	1463	87.1	2.9	269	480	
Light3	2022-05-25 00:45	8	5.03	21.78	-200	56	17215	-1071	609	-2941	-1.9	91.9	133	466	
Light3	2022-05-25 00:45	8	5.03	21.78	5039	152	16773	-1979	618	-2575	15.5	74.5	125	487	
Light3	2022-05-25 00:45	8	5.01	21.78	9345	84	13881	-2789	622	-1934	33.1	56.9	117	378	
Light3	2022-05-25 00:45	8	5.03	21.26	13559	-396	10682	-3467	618	-872	51.4	38.6	110	376	
Light3	2022-05-25 00:45	8	5.03	21.14	15143	274	7670	-3736	416	-226	63.3	26.7	103	405	
Light3	2022-05-25 00:45	8	5.03	21.32	15730	-158	6465	-3784	458	159	68.1	21.9	97	374	
Light3	2022-05-25 00:45	8	5.01	21.32	16592	216	3816	-3832	398	634	77.9	12.1	90	299	
Light3	2022-05-25 00:45	8	5.01	21.32	16411	-8	3916	-3823	415	684	77.5	12.5	90	333	
Light3	2022-05-25 00:45	8	5.01	21.47	17049	-552	3342	-3815	351	900	79.7	10.3	90	548	
Light3	2022-05-25 00:45	8	5.03	21.47	1674	1317	17512	-1697	287	-2792	4.4	85.6	143	505	
Light3	2022-05-25 00:45	8	5.03	21.47	1327	-51	17024	-1583	308	-2828	3.3	86.7	153	242	
Light3	2022-05-25 00:45	8	5.03	21.61	7233	-484	15544	-2651	234	-2174	23.9	66.1	157	396	
Light3	2022-05-25 00:45	8	5.03	21.61	9310	-751	14587	-3058	257	-1743	31.6	58.4	157	582	
Light3	2022-05-25 00:45	8	5.03	21.01	12445	-200	11495	-3555	145	-972	46.8	43.2	148	326	
Light3	2022-05-25 00:45	8	5.01	21.01	14842	-361	9073	-3810	55	-243	58.5	31.5	144	457	
Light3	2022-05-25 00:45	8	5.01	21.01	16428	318	4986	-3903	20	355	73.7	16.3	103	141	
Light3	2022-05-25 00:45	8	5.03	21.37	16524	40	3717	-3891	6	941	78.3	11.7	79	334	
Light3	2022-05-25 00:45	8	5.03	21.37	16749	100	612	-3795	20	1453	89.2	0.8	247	241	
Light3	2022-05-25 00:45	7.7	5.03	21.71	-1064	-711	17741	-1345	245	-2917	-4.9	94.9	168	314	
Light3	2022-05-25 00:46	7.7	5.01	21.71	6406	-431	15524	-2588	166	-2255	21.3	68.7	163	371	
Light3	2022-05-25 00:46	7.7	5.03	21.71	10505	-254	13100	-3299	-28	-1500	38	52.0	171	468	

ID	Local Date & Time	Temperature	MSAS					Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration	
			Voltage	(mag/arcsec ²)	Ax	Ay	Az								
Light3	2022-05-25 00:46	7.7	5.03	21.17		13904	-74	9587	-3784	-194	-513	55.2	34.8	188	483
Light3	2022-05-25 00:46	7.7	5.01	21.17		15846	344	5961	-3947	-301	287	69.8	20.2	238	333
Light3	2022-05-25 00:46	7.7	5.03	21.17		16060	217	5688	-3959	-288	549	71	19.0	263	395
Light3	2022-05-25 00:46	7.7	5.03	21.17		16901	1192	2306	-3919	-373	1156	82.1	7.9	269	434
Light3	2022-05-25 00:46	7.7	5.01	21.4		16459	1111	2303	-3877	-406	1347	82	8.0	266	458
Light3	2022-05-25 00:46	7.7	5.03	21.4		17027	841	-249	-3717	-426	1873	86.1	3.9	289	414
Light3	2022-05-25 00:46	7.7	5.03	21.48		-319	45	17403	-1420	-273	-2914	-2.3	92.3	186	546
Light3	2022-05-25 00:46	7.7	5.03	21.48		3018	-209	17296	-2060	-200	-2634	8.9	81.1	185	501
Light3	2022-05-25 00:46	7.7	5.01	21.48		6825	-911	15579	-2685	-245	-2202	22.5	67.5	197	422
Light3	2022-05-25 00:46	7.7	5.03	21.6		7893	-809	14950	-2948	-234	-1953	26.8	63.2	195	569
Light3	2022-05-25 00:46	7.7	5.03	21.04		12061	-660	12314	-3527	-465	-1147	43.8	46.2	219	499
Light3	2022-05-25 00:46	7.7	5.03	21.04		12361	-199	11946	-3621	-436	-950	45.4	44.6	212	511
Light3	2022-05-25 00:46	7.7	5.01	21.04		15063	-492	8089	-3867	-466	-220	61.9	28.1	243	437
Light3	2022-05-25 00:46	7.7	5.01	21.3		15088	-48	7315	-3924	-496	49	64.4	25.6	248	264
Light3	2022-05-25 00:46	7.7	5.03	21.3		15956	882	4333	-3949	-634	765	75.2	14.8	271	464
Light3	2022-05-25 00:46	7.7	5.03	21.44		16764	569	1575	-3872	-680	1367	85.4	4.6	265	195
Light3	2022-05-25 00:46	7.7	5.01	21.44		16821	661	-22	-3754	-689	1734	87	3.0	296	388
Light3	2022-05-25 00:46	7.7	5.01	21.44		16732	274	-6	-3732	-642	1804	88	2.0	326	462
Light3	2022-05-25 00:46	7.7	5.03	21.51		-96	-28	17107	-1388	-521	-2887	-1.6	91.6	200	362
Light3	2022-05-25 00:46	7.7	5.03	21.51		5197	-429	16521	-2407	-538	-2403	16.3	73.7	207	312
Light3	2022-05-25 00:46	7.7	5.03	21.72		10438	-431	13394	-3259	-632	-1564	37.1	52.9	224	478
Light3	2022-05-25 00:46	7.7	5.03	21.72		12422	-509	11876	-3550	-658	-1082	45.7	44.3	233	311
Light3	2022-05-25 00:46	7.7	5.03	21.17		14295	47	8876	-3782	-761	-480	58.1	31.9	250	396
Light3	2022-05-25 00:46	7.7	5.03	21.17		15791	225	6183	-3914	-914	226	69.1	20.9	266	333
Light3	2022-05-25 00:46	7.4	5.03	21.17		16723	433	2435	-3893	-890	1114	82.7	7.3	267	397
Light3	2022-05-25 00:46	7.4	5.03	21.44		16726	408	-566	-3714	-937	1785	86	4.0	29	140
Light3	2022-05-25 00:46	7.4	5.03	21.44		16981	745	1706	-3840	-1011	1268	84.7	5.3	269	183
Light3	2022-05-25 00:46	7.4	5.01	21.44		-2289	-21	17207	-856	-689	-2966	-8.9	98.9	210	503
Light3	2022-05-25 00:46	7.4	5.01	22.22		5025	-608	16570	-2211	-715	-2487	15.7	74.3	222	443
Light3	2022-05-25 00:46	7.4	5.01	22.22		11264	-183	12626	-3249	-867	-1517	41	49.0	241	478
Light3	2022-05-25 00:46	7.4	5.03	21.41		14574	207	8810	-3720	-1018	-533	58.8	31.2	259	532
Light3	2022-05-25 00:46	7.4	5.03	21.41		14739	291	8341	-3771	-995	-406	60.5	29.5	260	503
Light3	2022-05-25 00:46	7.4	5.03	21.41		16283	1044	4254	-3886	-1185	438	75.6	14.4	271	549
Light3	2022-05-25 00:47	7.4	5.03	21.4		16674	902	2820	-3885	-1196	724	80.8	9.2	272	520
Light3	2022-05-25 00:47	7.4	5.01	21.4		16803	1031	1946	-3834	-1220	1075	83.4	6.6	273	251
Light3	2022-05-25 00:47	7.4	5.03	21.4		16761	667	-459	-3761	-1143	1500	85.9	4.1	31	272
Light3	2022-05-25 00:47	7	5.03	21.5		505	-590	16669	-1076	-876	-2888	0.5	89.5	235	472
Light3	2022-05-25 00:47	7	5.03	21.5		1304	-660	16763	-1239	-842	-2863	3.2	86.8	234	330
Light3	2022-05-25 00:47	7.4	5.01	21.5		7945	-175	14903	-2489	-952	-2271	27	63.0	243	468
Light3	2022-05-25 00:47	7.4	5.03	22.07		14797	-377	9041	-3608	-1111	-776	58.5	31.5	264	546
Light3	2022-05-25 00:47	7.4	5.03	22.07		14997	-42	7980	-3677	-1171	-567	62.1	27.9	267	343
Light3	2022-05-25 00:47	7.4	5.03	22.07		16118	282	4929	-3811	-1258	43	73.7	16.3	272	314
Light3	2022-05-25 00:47	7.4	5.03	21.42		16321	710	4236	-3840	-1277	266	76	14.0	273	354
Light3	2022-05-25 00:47	7.4	5.03	21.42		16675	778	2287	-3848	-1299	547	82.7	7.3	276	508
Light3	2022-05-25 00:47	7	5.03	21.42		16668	1422	-541	-3753	-1457	1177	83.8	6.2	32	321
Light3	2022-05-25 00:47	7	5.03	21.51		715	665	17445	-701	-1199	-2826	1.2	88.8	258	318
Light3	2022-05-25 00:47	7	5.03	21.51		6264	255	15995	-1753	-1166	-2605	20.3	69.7	263	233
Light3	2022-05-25 00:47	7	5.03	21.51		11580	260	12410	-2751	-1225	-1955	42.3	47.7	273	295
Light3	2022-05-25 00:47	7	5.03	22.11		14715	269	8989	-3378	-1291	-1161	58.5	31.5	275	507
Light3	2022-05-25 00:47	7	5.03	21.38		15656	279	6676	-3598	-1267	-729	67.2	22.8	277	373
Light3	2022-05-25 00:47	7	5.03	21.38		16001	199	5507	-3724	-1254	-356	71.6	18.4	275	354
Light3	2022-05-25 00:47	7	5.01	21.38		16668	568	2321	-3818	-1309	125	82.9	7.1	281	197
Light3	2022-05-25 00:47	7	5.03	21.38		16874	427	790	-3841	-1302	431	87.9	2.1	298	298
Light3	2022-05-25 00:47	7	5.03	21.49		-1487	-338	17388	-190	-944	-2907	-6.3	96.3	261	193
Light3	2022-05-25 00:47	7	5.03	21.49		-451	-908	17769	-328	-812	-2958	-2.8	92.8	265	283
Light3	2022-05-25 00:47	7	5.03	21.49		7814	-1015	15003	-1947	-871	-2608	26.5	63.5	273	539
Light3	2022-05-25 00:47	7	5.03	21.49		12106	-620	12012	-2801	-1030	-1978	44.6	45.4	276	153
Light3	2022-05-25 00:47	7	5.03	21.99		13694	-447	9781	-3115	-1031	-1647	54.3	35.7	281	483
Light3	2022-05-25 00:47	7	5.03	21.99		14881	-476	8213	-3382	-1068	-1253	61.2	28.8	279	319
Light3	2022-05-25 00:47	7	5.03	21.42		17134	292	3421	-3734	-1161	-416	79.5	10.5	285	359
Light3	2022-05-25 00:47	7	5.01	21.42		16607	664	-460	-3846	-1317	578	85.9	4.1	79	562
Light3	2022-05-25 00:47	7	5.03	21.5		2048	1291	16228	-403	-1085	-2864	6	84.0	300	519
Light3	2022-05-25 00:47	7	5.01	21.5		3137	-757	16930	-412	-698	-2982	9.3	80.7	308	318
Light3	2022-05-25 00:47	7	5.03	21.5		12564	-385	11421	-2558	-877	-2220	47.2	42.8	300	545
Light3	2022-05-25 00:47	7	5.03	21.67		15769	-371	7156	-3307	-898	-1415	65.9	24.1	294	449
Light3	2022-05-25 00:47	7	5.03	21.43		16821	64	1918	-3779	-1008	-353	84.7	5.3	288	192
Light3	2022-05-25 00:48	7	5.03	21.43		16582	453	-1508	-3892	-1078	371	82.7	7.3	90	290
Light3	2022-05-25 00:48	7	5.03	21.49		2958	-581	17375	-423	-759	-2965	8.7	81.3	305	333
Light3	2022-05-25 00:48	6.7	5.03	21.49		977	-917	16955	64	-614	-2972	2.1	87.9	312	425
Light3	2022-05-25 00:48	6.7	5.03	21.49		7703	-390	15394	-1401	-704	-2860	25.5	64.5	310	322
Light3	2022-05-25 00:48	6.7	5.03	21.49		13153	420	10920	-2612	-872	-2187	49.8	40.2	312	224
Light3	2022-05-25 00:48	6.7	5.03	22.05		16065	728	6052	-3439	-976	-1206	69.6	20.4	303	550
Light3	2022-05-25 00:48	6.7	5.01	22.05		16642	920	2998	-3652	-1023	-730	80.2	9.8	318	333
Light3	2022-05-25 00:48	6.7	5.03	21.39		16694	1281	-615	-3802	-1086	-211	84	6.0	87	536
Light3	2022-05-25 00:48	6.7	5.01	21.39		17113	495	-710	-3874	-1062	70	85.5	4.5	91	307
Light3	2022-05-25 00:48	6.7	5.03	21.39		2107	699	16650	-40	-490	-3002	6	84.0	345	403
Light3	2022-05-25 00:48	6.7	5.01	21.66		8078	-205	15104	-1251	-415	-2943	27.1	62.9	338	295
Light3	2022-05-25 00:48	6.7	5.03	21.66		12237	-173	12220	-2206	-399	-2534	44.4	45.6	338	320
Light3	2022-05-25 00:48	6.7	5.03	21.66		14741	6	9033	-2828	-530	-2049	58.4	31.6	332	581
Light3	2022-05-25 00:48	6.7	5.03	21.2		16381	466	4780	-3322	-524	-1461	74.3	15.7	348	324
Light3	2022-05-25 00:48	6.7	5.01	21.2		17058	430								

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-05-25 00:48	6.7	5.03	21.25	16530	1586	3307	-3566	-501	-1050	78.1	11.9	48	268	
Light3	2022-05-25 00:48	6.7	5.03	21.25	16570	960	586	-3826	-321	-359	86.4	3.6	86	186	
Light3	2022-06-28 01:42	10.6	5.01	19.96	1767	452	17027	234	58	-3022	4.8	85.2	19	217	
Light3	2022-06-28 01:42	10.6	5.03	21.81	6650	505	16190	-859	-1	-3044	21.2	68.8	18	463	
Light3	2022-06-28 01:42	10.6	5.03	20.84	10519	566	13331	-1743	-25	-2784	37.4	52.6	18	143	
Light3	2022-06-28 01:42	10.6	5.03	21.24	13516	1083	10230	-2562	-183	-2289	52.4	37.6	22	361	
Light3	2022-06-28 01:42	10.6	5.01	21.24	15163	996	7586	-3084	-207	-1804	63.3	26.7	25	398	
Light3	2022-06-28 01:43	10.6	5.03	21.51	16922	1245	2332	-3709	-309	-708	81.9	8.1	66	546	
Light3	2022-06-28 01:43	10.6	5.01	21.5	1768	642	16613	181	227	-3034	4.9	85.1	31	483	
Light3	2022-06-28 01:43	10.6	5.03	21.5	8456	841	14237	-1223	110	-2969	29.7	60.3	27	578	
Light3	2022-06-28 01:43	10.6	5.03	21.3	12312	709	11828	-2241	57	-2505	45.5	44.5	29	528	
Light3	2022-06-28 01:43	10.6	5.01	21.3	13731	982	9632	-2589	18	-2248	54.6	35.4	31	441	
Light3	2022-06-28 01:43	10.6	5.03	21.33	14787	1008	7943	-2984	-32	-1884	61.6	28.4	37	395	
Light3	2022-06-28 01:43	10.6	5.01	21.33	16126	652	5215	-3322	43	-1430	72.5	17.5	41	571	
Light3	2022-06-28 01:43	10.6	5.03	21.33	16195	795	5138	-3404	-13	-1285	72.8	17.2	46	597	
Light3	2022-06-28 01:43	10.6	5.03	21.52	16728	1097	2367	-3651	-102	-791	82	8.0	68	334	
Light3	2022-06-28 01:43	10.6	5.03	21.52	17111	1024	-132	-3790	-102	-360	85.8	4.2	97	415	
Light3	2022-06-28 01:43	10.6	5.03	21.41	1668	736	17152	164	359	-3034	4.4	85.6	39	524	
Light3	2022-06-28 01:43	10.6	5.03	21.52	7891	899	14893	-1201	291	-2953	26.8	63.2	40	283	
Light3	2022-06-28 01:43	10.6	5.03	20.8	11244	1102	12081	-1961	193	-2660	42.1	47.9	37	268	
Light3	2022-06-28 01:43	10.6	5.03	20.8	13317	909	10579	-2447	165	-2347	51	39.0	37	397	
Light3	2022-06-28 01:43	10.6	5.03	20.8	15540	718	6686	-3224	147	-1555	66.9	23.1	48	550	
Light3	2022-06-28 01:43	10.6	5.03	21.33	16659	746	3217	-3601	133	-847	79.7	10.3	65	478	
Light3	2022-06-28 01:43	10.6	5.03	21.33	16812	1001	1080	-3769	97	-341	85.7	4.3	87	317	
Light3	2022-06-28 01:43	10.6	5.03	21.45	-245	356	17205	313	706	-2955	-2.1	92.1	58	556	
Light3	2022-06-28 01:43	10.6	5.03	21.45	7077	570	15420	-1139	557	-2916	23.6	66.4	52	395	
Light3	2022-06-28 01:43	10.6	5.01	21.52	12012	869	12282	-2317	461	-2379	43.6	46.4	57	417	
Light3	2022-06-28 01:43	10.6	5.03	21.09	14797	639	7510	-3114	443	-1591	63.2	26.8	61	594	
Light3	2022-06-28 01:43	10.6	5.03	21.09	16152	501	5898	-3390	444	-1133	70.3	19.7	68	417	
Light3	2022-06-28 01:43	10.6	5.03	21.33	16709	442	3107	-3637	378	-571	80.3	9.7	74	284	
Light3	2022-06-28 01:43	10.6	5.03	21.42	17008	760	1955	-3745	395	-173	83.9	6.1	85	471	
Light3	2022-06-28 01:43	10.6	5.03	21.41	417	543	17262	19	798	-2964	0.2	89.8	68	305	
Light3	2022-06-28 01:43	10.6	5.03	21.41	6294	811	15766	-1120	622	-2911	20.6	69.4	62	541	
Light3	2022-06-28 01:43	10.6	5.03	21.41	7682	814	15273	-1530	632	-2775	25.6	64.4	67	547	
Light3	2022-06-28 01:43	10.6	5.03	21.75	12611	763	11332	-2616	611	-2083	47.5	42.5	69	425	
Light3	2022-06-28 01:43	10.6	5.01	21.75	13178	709	11076	-2689	608	-2021	49.4	40.6	68	361	
Light3	2022-06-28 01:44	10.6	5.03	21.23	15870	396	6080	-3408	587	-1006	69.4	20.6	74	359	
Light3	2022-06-28 01:44	10.6	5.03	21.32	16623	506	1764	-3683	594	-113	84.8	5.2	86	493	
Light3	2022-06-28 01:44	10.6	5.03	21.4	2435	-501	16565	-470	1004	-2918	7.2	82.8	71	561	
Light3	2022-06-28 01:44	10.6	5.03	21.4	10220	-504	13742	-2089	915	-2373	35.8	54.2	69	411	
Light3	2022-06-28 01:44	10.6	5.03	21.14	13555	-180	10338	-2846	814	-1736	52.4	37.6	72	330	
Light3	2022-06-28 01:44	10.6	5.03	21.14	14924	-54	8195	-3170	763	-1324	61.3	28.7	74	470	
Light3	2022-06-28 01:44	10.6	5.03	21.18	16347	332	4778	-3557	681	-535	74.4	15.6	81	481	
Light3	2022-06-28 01:44	10.3	5.01	21.18	16892	557	1824	-3720	616	117	84.6	5.4	89	444	
Light3	2022-06-28 01:44	10.3	5.03	21.32	16832	711	-646	-3746	592	585	85.3	4.7	264	400	
Light3	2022-06-28 01:44	10.3	5.03	21.44	2960	261	16766	-895	883	-2898	8.8	81.2	87	492	
Light3	2022-06-28 01:44	10.3	5.03	21.44	8060	1011	14836	-1822	666	-2634	27.4	62.6	79	545	
Light3	2022-06-28 01:44	10.3	5.03	21.44	12491	940	11866	-2779	654	-1910	45.8	44.2	83	289	
Light3	2022-06-28 01:44	10.3	5.03	21.28	14864	747	8009	-3274	648	-1219	61.6	28.4	80	487	
Light3	2022-06-28 01:44	10.3	5.03	21.28	16554	467	5154	-3587	641	-490	73.2	16.8	84	504	
Light3	2022-06-28 01:44	10.3	5.03	21.26	16831	507	2116	-3702	674	173	83.7	6.3	89	501	
Light3	2022-06-28 01:44	10.3	5.03	21.26	16834	600	-447	-3723	664	671	86.1	3.9	264	474	
Light3	2022-06-28 01:44	10.3	5.01	21.26	16052	1119	5460	-3720	611	100	71.3	18.7	91	342	
Light3	2022-06-28 01:44	10.3	5.03	21.34	3671	1008	16751	-1277	730	-2837	11.1	78.9	98	282	
Light3	2022-06-28 01:44	10.3	5.03	21.34	5881	994	15071	-2227	687	-2372	28.6	61.4	97	363	
Light3	2022-06-28 01:44	10.3	5.03	21.29	11844	984	12206	-2830	649	-1834	43.4	46.6	92	398	
Light3	2022-06-28 01:44	10.3	5.01	21.26	14125	446	9493	-3150	696	-1392	55.9	34.1	83	344	
Light3	2022-06-28 01:44	10.3	5.03	21.26	14523	415	9325	-3310	704	-1117	57.1	32.9	90	503	
Light3	2022-06-28 01:44	10.3	5.01	21.26	15686	640	6843	-3541	636	-619	66.6	23.4	89	382	
Light3	2022-06-28 01:44	10.3	5.03	21.22	16117	494	5104	-3624	681	-289	73	17.0	87	295	
Light3	2022-06-28 01:44	10.3	5.03	21.22	16451	908	3650	-3700	635	25	77.9	12.1	89	572	
Light3	2022-06-28 01:44	10.3	5.03	21.22	17171	683	1252	-3735	637	453	86.1	3.9	96	251	
Light3	2022-06-28 01:44	10.3	5.03	21.22	16850	612	-189	-3718	654	817	86.8	3.2	263	142	
Light3	2022-06-28 01:44	10.3	5.03	21.26	4530	708	15964	-1567	747	-2728	14.7	75.3	103	297	
Light3	2022-06-28 01:44	10.3	5.03	21.39	7925	361	15610	-2309	724	-2303	25.8	64.2	110	306	
Light3	2022-06-28 01:44	10.3	5.03	21.39	12226	274	11541	-2952	692	-1669	46.1	43.9	93	518	
Light3	2022-06-28 01:44	10.3	5.03	21.39	14672	120	8891	-3444	713	-797	58.7	31.3	95	244	
Light3	2022-06-28 01:44	10.3	5.03	21.27	15579	402	7562	-3569	673	-475	64.2	25.8	93	546	
Light3	2022-06-28 01:44	10.3	5.03	21.27	16465	234	4368	-3707	657	182	75.9	14.1	89	414	
Light3	2022-06-28 01:45	10.3	5.03	21.2	16664	269	1713	-3731	647	687	85.3	4.7	93	535	
Light3	2022-06-28 01:45	10.3	5.03	21.28	16854	404	-559	-3667	637	1265	86.1	3.9	274	234	
Light3	2022-06-28 01:45	9.9	5.03	21.28	3384	588	17029	-1654	628	-2720	10.1	79.9	122	285	
Light3	2022-06-28 01:45	9.9	5.03	21.17	8736	975	14875	-2622	507	-2123	29.3	60.7	118	564	
Light3	2022-06-28 01:45	9.9	5.03	21.17	11692	1072	13985	-3080	420	-1647	38.9	51.1	118	290	
Light3	2022-06-28 01:45	9.9	5.03	21.17	13767	783	10551	-3466	479	-947	52.1	37.9	108	236	
Light3	2022-06-28 01:45	9.9	5.03	21.24	16170	1172	5757	-3762	396	-33	70.4	19.6	94	474	
Light3	2022-06-28 01:45	9.9	5.03	21.2	16879	969	56	-3738	411	1256	86.2	3.8	266	373	
Light3	2022-06-28 01:45	9.9	5.03	21.2	16597	707	-1745	-3607	480	1687	81.7	8.3	280	442	
Light3	2022-06-28 01:45	9.9	5.03	21.44	2116	361	17139	-1708	428	-2746	5.9	84.1	143	473	
Light3	2022-06-28 01:45	9.9	5.03	21.44	6861	233	15920	-2515	410	-2228	22.2	67.8	139	566	
Light3	2022-06-28 01:45	9.9	5.03	21.4	11772	804	12110	-3323	285	-1333	43.5	46.5	126	266	
Light3	2022-06-28 01:45	9.9	5.01	21.4	13720	833	10019	-3565	255	-851	53.5	36.5	117	343	
Light3	2022-06-28 01:45	9.9	5.03												

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration	
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz				
Light3	2022-06-28 01:45	9.9	5.03	21.39	13192	936	10951	-3616	54	-834	49.7	40.3	140	236
Light3	2022-06-28 01:45	9.9	5.03	21.17	15922	-71	5789	-3857	201	408	70.6	19.4	97	385
Light3	2022-06-28 01:45	9.6	5.03	21.15	16683	361	2307	-3812	199	1152	83.2	6.8	100	342
Light3	2022-06-28 01:45	9.6	5.03	21.21	16891	623	-367	-3682	203	1704	86.3	3.7	279	407
Light3	2022-06-28 01:45	9.6	5.03	21.21	3213	-486	16540	-1980	309	-2628	9.8	80.2	157	449
Light3	2022-06-28 01:45	9.6	5.03	21.65	11459	135	12536	-3446	38	-1200	41.7	48.3	158	444
Light3	2022-06-28 01:45	9.6	5.03	21.65	14289	167	8852	-3759	18	-403	58.2	31.8	143	516
Light3	2022-06-28 01:45	9.6	5.03	21.2	16176	-16	5776	-3898	57	512	70.9	19.1	96	268
Light3	2022-06-28 01:45	9.6	5.01	21.15	16980	158	2843	-3838	6	1212	81.5	8.5	100	590
Light3	2022-06-28 01:45	9.6	5.03	21.15	16804	26	-414	-3656	29	1876	86.9	3.1	322	275
Light3	2022-06-28 01:45	9.6	5.03	21.35	16766	-79	-175	-3707	-211	1810	87.7	2.3	18	484
Light3	2022-06-28 01:46	9.6	5.03	21.35	16861	96	37	-3710	-317	1841	88.5	1.5	328	325
Light3	2022-06-28 01:46	9.6	5.03	21.35	16840	-236	-203	-3724	-474	1815	87.6	2.4	63	506
Light3	2022-06-28 01:46	9.6	5.03	21.37	16907	110	192	-3751	-684	1755	88.9	1.1	343	457
Light3	2022-06-28 01:46	9.6	5.03	21.37	5304	1461	18096	-2698	-1000	-2103	16.2	73.8	210	411
Light3	2022-06-28 01:46	9.6	5.03	21.37	1796	517	17052	-1665	-831	-2749	4.9	85.1	213	583
Light3	2022-06-28 01:46	9.6	5.01	21.98	8400	413	15227	-2839	-942	-1979	27.8	62.2	228	400
Light3	2022-06-28 01:46	9.6	5.03	21.98	12065	548	12366	-3372	-1018	-1295	43.6	46.4	243	388
Light3	2022-06-28 01:46	9.6	5.03	21.98	14393	324	9396	-3673	-1007	-678	56.7	33.3	257	344
Light3	2022-06-28 01:46	9.6	5.03	21.44	15728	-932	5210	-3891	-901	89	72.2	17.8	269	494
Light3	2022-06-28 01:46	9.3	5.03	21.35	2047	417	16983	-1455	-1038	-2770	5.7	84.3	231	211
Light3	2022-06-28 01:46	9.3	5.03	21.35	7499	-328	15278	-2443	-993	-2287	25.1	64.9	242	562
Light3	2022-06-28 01:46	9.3	5.03	21.35	12836	10	11360	-3344	-1102	-1319	48	42.0	257	271
Light3	2022-06-28 01:46	9.3	5.03	22.26	15652	151	7195	-3797	-1169	-183	65.6	24.4	267	557
Light3	2022-06-28 01:46	9.3	5.03	22.26	16699	545	2963	-3868	-1269	656	80.7	9.3	272	488
Light3	2022-06-28 01:46	9.3	5.03	22.26	16512	438	-9	-3828	-1242	1194	87.6	2.4	43	486
Light3	2022-06-28 01:46	9.3	5.03	21.49	16826	623	-132	-3784	-1306	1305	86.9	3.1	29	297
Light3	2022-06-28 01:46	9.3	5.03	21.49	3386	-278	16878	-1308	-1048	-2802	10.1	79.9	255	445
Light3	2022-06-28 01:46	9.3	5.03	21.49	11695	512	12901	-2986	-1284	-1719	41.4	48.6	261	554
Light3	2022-06-28 01:46	9.3	5.03	22.53	15994	795	5775	-3737	-1373	-277	70.4	19.6	274	382
Light3	2022-06-28 01:46	9.3	5.03	22.53	16962	1077	1422	-3830	-1416	545	84.7	5.3	288	535
Light3	2022-06-28 01:46	9.3	5.03	21.54	16586	1042	-1215	-3759	-1433	1245	82.9	7.1	65	554
Light3	2022-06-28 01:46	9.3	5.03	21.54	-2021	939	17411	-136	-1291	-2775	-8	98.0	259	568
Light3	2022-06-28 01:46	9	5.03	21.54	8380	599	14975	-2034	-1228	-2472	28.2	61.8	273	129
Light3	2022-06-28 01:46	9	5.03	21.54	12815	778	10674	-2882	-1349	-1790	49.7	40.3	284	595
Light3	2022-06-28 01:46	9	5.03	21.54	14324	560	8940	-3317	-1338	-1255	57.9	32.1	278	460
Light3	2022-06-28 01:46	9	5.03	22.25	15716	557	6477	-3593	-1338	-724	67.9	22.1	279	369
Light3	2022-06-28 01:46	9	5.03	22.25	16762	712	2616	-3795	-1355	-23	81.8	8.2	283	266
Light3	2022-06-28 01:47	9	5.03	21.59	16970	642	54	-3836	-1389	648	87.3	2.7	59	255
Light3	2022-06-28 01:47	9	5.03	21.59	2152	568	17084	-707	-1130	-2868	6	84.0	275	591
Light3	2022-06-28 01:47	9	5.03	22.19	8052	455	14970	-1872	-1161	-2578	27.2	62.8	280	560
Light3	2022-06-28 01:47	9	5.03	22.19	11130	42	13071	-2545	-1142	-2181	39.7	50.3	278	495
Light3	2022-06-28 01:47	9	5.03	22.19	14687	385	8535	-3304	-1250	-1323	59.8	30.2	282	429
Light3	2022-06-28 01:47	9	5.03	21.89	16374	570	5001	-3651	-1306	-592	73.5	16.5	283	382
Light3	2022-06-28 01:47	9	5.03	21.64	16953	766	1855	-3827	-1340	114	84.2	5.8	288	297
Light3	2022-06-28 01:47	9	5.03	21.64	16833	853	1409	-3823	-1345	129	85.3	4.7	299	551
Light3	2022-06-28 01:47	9	5.03	21.64	3056	-510	16767	-502	-798	-2973	9.1	80.9	301	399
Light3	2022-06-28 01:47	9	5.03	21.64	9881	-293	13971	-1999	-845	-2604	34.4	55.6	299	152
Light3	2022-06-28 01:47	9	5.03	22.32	12220	14	12032	-2549	-927	-2237	44.8	45.2	296	563
Light3	2022-06-28 01:47	9	5.03	22.32	15332	459	7449	-3299	-1091	-1398	64.2	25.8	295	464
Light3	2022-06-28 01:47	9	5.03	21.78	16341	438	4809	-3616	-1136	-803	74.2	15.8	290	569
Light3	2022-06-28 01:47	9	5.03	21.78	16762	725	1413	-3811	-1156	-186	85.6	4.4	316	380
Light3	2022-06-28 01:47	9	5.03	21.78	2448	999	17298	-220	-761	-2973	7	83.0	326	488
Light3	2022-06-28 01:47	9	5.03	22	8346	105	14696	-1374	-635	-2892	28.6	61.4	328	266
Light3	2022-06-28 01:47	9	5.03	22	13279	680	10806	-2607	-856	-2207	50.4	39.6	318	344
Light3	2022-06-28 01:47	8.7	5.03	22	14904	1194	8002	-3043	-950	-1781	61.5	28.5	324	534
Light3	2022-06-28 01:47	8.7	5.03	22	2702	20486	17676	9536	4400	364	5.8	84.2	124	-30532
Light3	2022-06-28 01:47	8.7	5.03	22	16451	956	3209	-3651	-972	-793	79.3	10.7	321	360
Light3	2022-06-28 01:47	8.7	5.03	21.89	16767	896	330	-3826	-961	-243	86.7	3.3	78	346
Light3	2022-06-28 01:47	8.7	5.03	21.89	4059	658	16931	-305	-440	-3046	12.3	77.7	350	283
Light3	2022-06-28 01:47	8.7	5.03	21.89	7525	516	15235	-1132	-422	-2973	25.2	64.8	349	285
Light3	2022-06-28 01:47	8.7	5.01	21.92	11405	537	12756	-1860	-472	-2729	41	49.0	349	484
Light3	2022-06-28 01:47	8.7	5.03	21.92	14299	677	9354	-2782	-604	-2096	56.6	33.4	340	399
Light3	2022-06-28 01:47	8.7	5.03	21.61	15764	867	5986	-3281	-635	-1545	69.4	20.6	346	486
Light3	2022-06-28 01:47	8.7	5.03	21.61	16705	744	2864	-3599	-655	-974	80.9	9.1	358	303
Light3	2022-06-28 01:48	8.7	5.03	21.52	16772	1156	1007	-3775	-615	-493	85.3	4.7	74	493
Light3	2022-07-26 01:38	16.7	5.01	20.3	-5935	-2527	13885	1798	967	-2180	-24.4	114.4	43	446
Light3	2022-07-26 01:38	16.7	5.01	20.57	2471	-603	16827	66	411	-2994	7.1	82.9	27	503
Light3	2022-07-26 01:38	16.7	5.03	23.42	9608	-691	14525	-1458	410	-2810	32.5	57.5	25	368
Light3	2022-07-26 01:39	16.7	5.03	23.42	13425	-348	10077	-2434	280	-2271	52.9	37.1	22	460
Light3	2022-07-26 01:39	16.7	5.03	23.42	15767	47	8551	-2946	227	-1800	61.5	28.5	35	414
Light3	2022-07-26 01:39	16.7	5.01	22.42	16950	384	4433	-3442	120	-1070	76	14.0	48	441
Light3	2022-07-26 01:39	16.7	5.01	22.66	5710	13	16319	-765	809	-2891	18.1	71.9	53	541
Light3	2022-07-26 01:39	16.7	5.01	22.66	10704	-437	12624	-2025	773	-2421	39.6	50.4	54	535
Light3	2022-07-26 01:39	16.7	5.01	22.66	13180	-28	10870	-2538	688	-2054	50.1	39.9	58	586
Light3	2022-07-26 01:39	16.7	5.03	22.85	14827	-141	8444	-2962	698	-1559	60.4	29.6	62	598
Light3	2022-07-26 01:39	16.7	5.01	22.36	16327	17	5168	-3363	605	-945	73.1	16.9	67	460
Light3	2022-07-26 01:39	16.7	5.01	22.36	16752	-395	2900	-3502	696	-487	81.2	8.8	67	530
Light3	2022-07-26 01:40	16.7	5.03	22.58	5144	-1046	15919	-1130	1142	-2695	16.7	73.3	75	443
Light3	2022-07-26 01:40	16.7	5.01	22.58	6458	-653	15604	-1314	1075	-2655	21.4	68.6	72	579
Light3	2022-07-26 01:40	16.7	5.01	23.15	12070	-583	12423	-2417	1020	-2009	43.5	46.5	72	528
Light3	2022-07-26 01:40	16.7	5.01	23.15	13054	-652	10462	-2648	990	-1780	50.9	39.1	68	349
Light3	2022-07-26 01:40	16.7	5.03	23.15	14668	-609	8766	-3010	932	-1331	59.1	3		

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az								
Light3	2022-07-26 01:40	16.7	5.01	22.52	16491	-187	4109	-3507	807	-299	76.9	13.1	81	158	
Light3	2022-07-26 01:40	16.7	5.01	22.52	16752	-134	3196	-3542	765	-233	80.2	9.8	79	336	
Light3	2022-07-26 01:40	16.7	5.03	22.52	17113	253	1508	-3632	716	181	86.1	3.9	88	293	
Light3	2022-07-26 01:40	16.7	5.03	22.52	17150	132	817	-3608	780	250	88.5	1.5	91	341	
Light3	2022-07-26 01:40	16.7	5.01	22.34	1688	191	16936	-838	849	-2867	4.5	85.5	97	379	
Light3	2022-07-26 01:40	16.7	5.01	22.34	3271	1106	17620	-1131	798	-2808	9.7	80.3	95	573	
Light3	2022-07-26 01:40	16.7	5.03	22.34	3848	855	16479	-1275	794	-2766	11.9	78.1	96	371	
Light3	2022-07-26 01:40	16.7	5.01	22.34	8159	914	14522	-1978	730	-2461	28.3	61.7	86	432	
Light3	2022-07-26 01:40	16.7	5.01	22.34	10043	66	13721	-2400	810	-2109	35.3	54.7	90	384	
Light3	2022-07-26 01:40	16.7	5.03	23.04	10259	171	13501	-2426	813	-2085	36.4	53.6	89	322	
Light3	2022-07-26 01:40	16.7	5.01	23.04	10308	314	13157	-2451	841	-2056	37.3	52.7	88	435	
Light3	2022-07-26 01:40	16.7	5.03	23.04	10485	341	13572	-2479	819	-2042	36.8	53.2	91	533	
Light3	2022-07-26 01:40	16.7	5.01	23.04	10564	73	13304	-2525	839	-1989	37.7	52.3	91	299	
Light3	2022-07-26 01:40	16.7	5.01	23.04	13961	715	10388	-3126	684	-1355	52.9	37.1	90	319	
Light3	2022-07-26 01:40	16.4	5.03	23.04	15398	650	7147	-3408	627	-824	65.2	24.8	86	263	
Light3	2022-07-26 01:40	16.4	5.01	22.48	16246	537	4132	-3617	616	-102	76.4	13.6	87	274	
Light3	2022-07-26 01:40	16.4	5.03	22.48	16475	1006	4579	-3640	585	-113	74.7	15.3	89	350	
Light3	2022-07-26 01:40	16.4	5.03	22.48	16286	228	3828	-3641	622	-4	77.7	12.3	87	328	
Light3	2022-07-26 01:40	16.7	5.01	22.48	17038	-127	530	-3661	668	742	89.6	0.4	80	416	
Light3	2022-07-26 01:41	16.7	5.01	22.8	4396	-920	16433	-1829	899	-2471	13.8	76.2	122	394	
Light3	2022-07-26 01:41	16.7	5.03	22.26	8379	31	15242	-2520	676	-2056	27.8	62.2	118	586	
Light3	2022-07-26 01:41	16.4	5.03	21.99	11307	415	13046	-3062	549	-1505	40.1	49.9	116	597	
Light3	2022-07-26 01:41	16.4	5.01	21.99	13739	733	10405	-3432	436	-899	52.4	37.6	109	433	
Light3	2022-07-26 01:41	16.4	5.01	21.99	15484	1049	7957	-3640	428	-315	62.6	27.4	100	293	
Light3	2022-07-26 01:41	16.4	5.03	22.27	16471	768	3908	-3749	423	470	77.2	12.8	90	598	
Light3	2022-07-26 01:41	16.4	5.01	22.27	17041	1163	1832	-3745	345	1010	83.5	6.5	110	201	
Light3	2022-07-26 01:41	16.4	5.01	22.27	16711	1092	1814	-3743	350	971	83.6	6.4	104	454	
Light3	2022-07-26 01:41	16.4	5.01	22.15	2403	1020	16928	-1744	278	-2688	6.9	83.1	143	381	
Light3	2022-07-26 01:41	16.4	5.03	21.27	8519	587	14571	-2785	302	-1937	29.3	60.7	137	323	
Light3	2022-07-26 01:41	16.4	5.01	21.27	11460	885	13578	-3239	244	-1372	39.3	50.7	135	527	
Light3	2022-07-26 01:41	16.4	5.03	21.27	13617	1464	10918	-3583	83	-765	50.5	39.5	131	375	
Light3	2022-07-26 01:41	16.4	5.03	21.95	13163	1384	11043	-3557	95	-807	49.3	40.7	132	569	
Light3	2022-07-26 01:42	16.4	5.01	21.95	14876	388	8189	-3722	174	-176	61.2	28.8	117	384	
Light3	2022-07-26 01:42	16.4	5.03	22.13	14950	9	7738	-3748	243	-16	62.8	27.2	111	318	
Light3	2022-07-26 01:42	16.4	5.01	22.13	16903	-121	3624	-3800	88	969	78.8	11.2	85	467	
Light3	2022-07-26 01:42	16.1	5.03	22.07	16775	309	930	-3707	79	1500	87.9	2.1	238	433	
Light3	2022-07-26 01:42	16.1	5.03	22.07	16585	537	988	-3709	62	1504	87.1	2.9	251	513	
Light3	2022-07-26 01:42	16.1	5.03	22.07	415	444	17477	-1536	-137	-2819	0.2	89.8	174	528	
Light3	2022-07-26 01:42	16.4	5.03	22.07	-132	39	17318	-1504	-169	-2828	-1.7	91.7	180	443	
Light3	2022-07-26 01:42	16.4	5.03	22.63	1818	906	16700	-1920	-457	-2644	5	85.0	187	390	
Light3	2022-07-26 01:42	16.4	5.01	22.63	5215	908	16540	-2501	-456	-2272	16.3	73.7	188	580	
Light3	2022-07-26 01:42	16.4	5.01	22.63	7210	884	15877	-2792	-414	-2032	23.3	66.7	188	250	
Light3	2022-07-26 01:42	16.4	5.03	22.24	9205	481	14523	-3085	-340	-1723	31.4	58.6	189	572	
Light3	2022-07-26 01:42	16.4	5.03	22.24	9552	477	14897	-3139	-334	-1634	31.7	58.3	188	275	
Light3	2022-07-26 01:42	16.4	5.03	21.87	11623	-245	12246	-3481	-304	-1112	42.9	47.1	199	451	
Light3	2022-07-26 01:42	16.4	5.03	21.9	13423	975	11553	-3661	-468	-699	48.6	41.4	205	335	
Light3	2022-07-26 01:42	16.4	5.01	21.9	15397	801	8156	-3853	-448	63	62	28.0	235	562	
Light3	2022-07-26 01:42	16.4	5.01	21.9	16335	472	4743	-3877	-472	754	74.4	15.6	273	579	
Light3	2022-07-26 01:42	16.4	5.01	21.89	16846	654	1728	-3786	-518	1455	84.8	5.2	262	590	
Light3	2022-07-26 01:43	16.4	5.01	22.06	3577	1268	16645	-2033	-961	-2490	10.9	79.1	213	200	
Light3	2022-07-26 01:43	16.4	5.01	22.75	9007	2028	14363	-2969	-1125	-1718	30.8	59.2	226	287	
Light3	2022-07-26 01:43	16.4	5.01	21.99	11559	1545	11832	-3378	-1078	-1180	43.4	46.6	239	331	
Light3	2022-07-26 01:43	16.1	5.03	21.99	13495	1460	10300	-3651	-1076	-584	52	38.0	248	342	
Light3	2022-07-26 01:43	16.1	5.01	21.61	14556	1339	9338	-3728	-1045	-342	56.8	33.2	254	527	
Light3	2022-07-26 01:43	16.1	5.03	21.61	15259	1402	6927	-3821	-1059	129	65.3	24.7	264	527	
Light3	2022-07-26 01:43	16.1	5.01	21.61	15711	1497	6904	-3814	-1071	133	65.9	24.1	264	343	
Light3	2022-07-26 01:43	16.1	5.01	21.67	16704	252	1738	-3815	-958	1208	85.2	4.8	265	526	
Light3	2022-07-26 01:43	16.1	5.03	21.89	16919	605	1926	-3804	-1037	1173	84.3	5.7	268	552	
Light3	2022-07-26 01:43	16.1	5.03	21.89	2496	328	16787	-1787	-931	-2623	7.3	82.7	220	574	
Light3	2022-07-26 01:43	16.1	5.01	21.89	6743	-58	15709	-2371	-961	-2283	22.1	67.9	235	431	
Light3	2022-07-26 01:43	16.1	5.03	21.89	9165	230	14535	-2855	-1027	-1863	31.3	58.7	238	382	
Light3	2022-07-26 01:43	16.1	5.03	22.47	12835	156	11114	-3419	-1094	-1090	48.7	41.3	254	428	
Light3	2022-07-26 01:43	16.1	5.03	21.59	14733	268	7930	-3701	-1142	-332	61.8	28.2	264	246	
Light3	2022-07-26 01:43	16.1	5.03	21.59	15122	500	7698	-3720	-1166	-267	63.1	26.9	265	533	
Light3	2022-07-26 01:44	16.1	5.03	21.59	16220	246	5743	-3809	-1129	124	71	19.0	269	599	
Light3	2022-07-26 01:44	16.1	5.01	21.6	16312	705	4892	-3815	-1209	394	73.8	16.2	271	436	
Light3	2022-07-26 01:44	16.1	5.01	21.6	16761	489	3423	-3812	-1263	605	79.2	10.8	271	257	
Light3	2022-07-26 01:44	16.1	5.03	21.6	16564	626	1951	-3800	-1228	952	84	6.0	271	343	
Light3	2022-07-26 01:44	16.1	5.03	22.31	4099	1071	16342	-1610	-1321	-2565	12.9	77.1	248	375	
Light3	2022-07-26 01:44	16.1	5.01	22.31	7663	889	15281	-2224	-1334	-2270	25.5	64.5	255	574	
Light3	2022-07-26 01:44	16.1	5.01	22.31	11683	1198	12692	-2899	-1431	-1664	41.7	48.3	264	451	
Light3	2022-07-26 01:44	16.1	5.03	22.31	13908	1149	9948	-3310	-1464	-1087	53.9	36.1	270	356	
Light3	2022-07-26 01:44	16.1	5.01	22.55	15476	1072	7298	-3576	-1469	-507	64.7	25.3	273	372	
Light3	2022-07-26 01:44	16.1	5.01	22.55	16561	798	3930	-3749	-1430	152	77.2	12.8	276	518	
Light3	2022-07-26 01:44	16.1	5.01	21.71	16753	1738	755	-3756	-1506	570	83.6	6.4	327	450	
Light3	2022-07-26 01:44	16.1	5.03	21.71	17025	943	998	-3768	-1437	767	86	4.0	291	413	
Light3	2022-07-26 01:44	16.1	5.03	21.71	15221	1425	7514	-3599	-1563	-266	63.4	26.6	271	369	
Light3	2022-07-26 01:44	16.1	5.03	21.71	3845	1738	16577	-1193	-1419	-2643	11.8	78.2	266	497	
Light3	2022-07-26 01:44	16.1	5.01	21.71	9710	1728	14082	-2202	-1526	-2201	33.4	56.6	278	503	
Light3	2022-07-26 01:44	16.1	5.01	21.71	11713	1808	12875	-2656	-1570	-1833	41.2	48.8	275	522	
Light3	2022-07-26 01:44	16.1	5.01	22.62	13353	1979	10177	-2922	-1562	-1554	51.7	38.3	286	349	
Light3	2022-07-26 01:44	16.1	5.03												

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-07-26 01:44	16.1	5.01	21.82	2141	833	16988	-428	-1067	-2846	6	84.0	295	389	
Light3	2022-07-26 01:44	16.1	5.03	22.52	8004	137	14867	-1512	-966	-2721	27.3	62.7	303	459	
Light3	2022-07-26 01:44	16.1	5.01	22.52	8648	426	14543	-1597	-937	-2695	29.7	60.3	309	408	
Light3	2022-07-26 01:44	16.1	5.03	22.52	12259	61	12053	-2405	-983	-2277	44.9	45.1	302	390	
Light3	2022-07-26 01:44	16.1	5.03	22.52	12529	405	11875	-2441	-1049	-2222	45.9	44.1	303	551	
Light3	2022-07-26 01:45	16.1	5.03	22.52	14052	820	8962	-2841	-1078	-1875	57.2	32.8	311	380	
Light3	2022-07-26 01:45	16.1	5.01	22.52	13664	64	9699	-2864	-1106	-1845	54.4	35.6	295	551	
Light3	2022-07-26 01:45	16.1	5.03	22.6	14744	1264	8157	-3042	-962	-1686	60.7	29.3	319	519	
Light3	2022-07-26 01:45	16.1	5.01	22.13	15591	1177	6981	-3185	-1019	-1494	65.8	24.2	317	393	
Light3	2022-07-26 01:45	16.1	5.01	22.13	16279	386	5310	-3366	-897	-1252	72.5	17.5	310	469	
Light3	2022-07-26 01:45	16.1	5.01	21.97	16934	166	1407	-3732	-876	-430	86.5	3.5	303	550	
Light3	2022-07-26 01:45	16.1	5.01	21.97	17232	1087	121	-3793	-944	-159	85.9	4.1	81	503	
Light3	2022-07-26 01:45	16.1	5.03	21.97	1601	-1218	16878	303	48	-2969	4.2	85.8	357	456	
Light3	2022-07-26 01:45	15.7	5.01	21.97	6867	-895	15727	-843	-76	-2999	22.5	67.5	352	315	
Light3	2022-07-26 01:45	15.7	5.01	23.18	12444	84	11778	-2160	-348	-2532	46	44.0	349	566	
Light3	2022-07-26 01:45	15.7	5.03	23.18	15515	590	7082	-3078	-411	-1732	65.6	24.4	355	377	
Light3	2022-07-26 01:45	15.7	5.01	22.12	16865	334	2731	-3579	-440	-900	81.8	8.2	353	329	
Light3	2022-07-26 01:45	15.7	5.03	22.12	16911	1269	1214	-3731	-476	-521	84.6	5.4	76	331	
Light3	2022-07-26 01:45	15.7	5.03	22.12	16912	615	-953	-3839	-470	-52	84.6	5.4	95	432	
Light3	2022-09-23 21:40	8	5.01	22.42	-14711	-5723	1673	2521	1680	-913	-68.5	158.5	246	466	
Light3	2022-09-23 21:40	8	5.01	22.42	1642	-55	16775	266	207	-3016	4.4	85.6	21	504	
Light3	2022-09-23 21:40	8	5.03	22.54	7637	-1033	15001	-1062	377	-2975	25.9	64.1	19	503	
Light3	2022-09-23 21:40	8	5.03	21.12	11334	-824	12983	-1942	329	-2647	40.4	49.6	19	477	
Light3	2022-09-23 21:40	8	5.03	21.12	13747	-680	10190	-2457	269	-2323	53.1	36.9	15	290	
Light3	2022-09-23 21:40	8	5.03	21.12	14956	-103	8361	-3010	179	-1820	60.9	29.1	30	273	
Light3	2022-09-23 21:40	8	5.01	21.34	15953	-79	5756	-3316	173	-1397	70.7	19.3	32	321	
Light3	2022-09-23 21:40	8	5.01	21.34	16713	424	2841	-3633	55	-822	81.3	8.7	54	253	
Light3	2022-09-23 21:40	8	5.03	21.37	16886	-161	2261	-3661	62	-741	83.6	6.4	21	319	
Light3	2022-09-23 21:40	8.3	5.03	21.37	-156	-477	17349	562	540	-2910	-1.8	91.8	36	510	
Light3	2022-09-23 21:41	8.3	5.03	21.92	8450	215	14771	-1300	368	-2906	28.8	61.2	35	189	
Light3	2022-09-23 21:41	8.3	5.03	21.08	9267	419	14464	-1503	327	-2849	31.7	58.3	36	288	
Light3	2022-09-23 21:41	8.3	5.03	21.08	12406	587	11286	-2189	242	-2522	47.2	42.8	33	599	
Light3	2022-09-23 21:41	8.3	5.03	21.21	13946	219	9977	-2705	249	-2119	54.2	35.8	38	181	
Light3	2022-09-23 21:41	8.3	5.01	21.21	15370	490	7792	-3046	236	-1760	63.2	26.8	44	339	
Light3	2022-09-23 21:41	8.3	5.03	21.21	15582	216	5978	-3377	221	-1282	69.5	20.5	52	341	
Light3	2022-09-23 21:41	8.3	5.03	21.35	16538	715	3131	-3625	99	-840	79.9	10.1	64	448	
Light3	2022-09-23 21:41	8.3	5.03	21.35	16830	1048	1441	-3759	8	-458	84.7	5.3	82	413	
Light3	2022-09-23 21:41	8.3	5.03	21.35	16598	907	1356	-3749	44	-477	85.3	4.7	82	400	
Light3	2022-09-23 21:41	8.3	5.03	21.26	1163	148	16972	112	664	-2991	2.7	87.3	52	519	
Light3	2022-09-23 21:41	8.3	5.03	21.95	6590	-125	15735	-1053	700	-2913	21.6	68.4	52	441	
Light3	2022-09-23 21:41	8.3	5.01	21.95	9906	-245	13836	-1795	700	-2643	34.7	55.3	51	479	
Light3	2022-09-23 21:41	8.3	5.03	21.09	12201	129	11602	-2336	662	-2310	45.9	44.1	54	499	
Light3	2022-09-23 21:41	8.3	5.01	21.09	12997	-277	11152	-2522	643	-2160	48.9	41.1	53	321	
Light3	2022-09-23 21:41	8.3	5.01	21.09	14349	160	9339	-2831	554	-1895	56.8	33.2	55	503	
Light3	2022-09-23 21:41	8.3	5.03	21.21	15356	391	7667	-3174	477	-1497	63.6	26.4	63	282	
Light3	2022-09-23 21:41	8.3	5.01	21.21	16035	511	5662	-3411	379	-1146	71	19.0	65	379	
Light3	2022-09-23 21:41	8.3	5.03	21.26	16721	1384	2156	-3581	325	-801	82	8.0	80	437	
Light3	2022-09-23 21:41	8.3	5.03	21.26	16846	1025	2187	-3715	287	-405	82.7	7.3	83	498	
Light3	2022-09-23 21:41	8.3	5.03	21.21	1374	909	17317	-252	737	-2998	3.4	86.6	72	363	
Light3	2022-09-23 21:41	8.3	5.03	21.52	7049	761	15614	-1412	663	-2811	23.2	66.8	68	591	
Light3	2022-09-23 21:41	8.3	5.03	21.52	11273	1022	13151	-2323	591	-2334	39.7	50.3	72	450	
Light3	2022-09-23 21:41	8.3	5.03	21.06	13352	756	11080	-2784	578	-1936	49.8	40.2	72	565	
Light3	2022-09-23 21:41	8.3	5.03	21.17	15124	545	8340	-3198	601	-1395	61.1	28.9	74	526	
Light3	2022-09-23 21:41	8.3	5.03	21.17	15538	753	7430	-3316	546	-1235	64.5	25.5	76	592	
Light3	2022-09-23 21:41	8.3	5.03	21.21	15634	720	6544	-3371	548	-1120	67.5	22.5	75	481	
Light3	2022-09-23 21:41	8.3	5.03	21.21	16376	948	4417	-3608	467	-616	75.2	14.8	81	361	
Light3	2022-09-23 21:41	8.3	5.31	21.21	642	18446	17682	2809	4494	362	0.8	89.2	122	-23876	
Light3	2022-09-23 21:41	8.3	5.01	21.2	16890	774	848	-3746	544	60	86.8	3.2	96	484	
Light3	2022-09-23 21:41	8.3	5.01	21.2	16686	363	1100	-3755	541	114	87.2	2.8	90	146	
Light3	2022-09-23 21:41	8.3	5.03	21.36	3900	324	16480	-975	818	-2900	12.1	77.9	80	411	
Light3	2022-09-23 21:41	8.3	5.03	21.47	8625	642	14665	-1983	811	-2495	29.4	60.6	82	258	
Light3	2022-09-23 21:42	8.3	5.03	21.17	12587	618	11638	-2807	705	-1864	46.6	43.4	82	316	
Light3	2022-09-23 21:42	8.3	5.03	21.17	14255	916	9274	-3135	697	-1426	56.6	33.4	82	396	
Light3	2022-09-23 21:42	8.3	5.03	21.17	15353	301	7839	-3350	653	-1096	63.1	26.9	81	432	
Light3	2022-09-23 21:42	8.3	5.01	21.17	16169	239	5302	-3508	690	-685	72.4	17.6	79	527	
Light3	2022-09-23 21:42	8.3	5.03	21.25	16401	1007	3638	-3673	589	-291	77.8	12.2	86	450	
Light3	2022-09-23 21:42	8.3	5.03	21.25	16680	793	1923	-3742	601	148	83.9	6.1	90	430	
Light3	2022-09-23 21:42	8	5.01	21.2	16997	650	728	-3748	622	439	87.4	2.6	105	549	
Light3	2022-09-23 21:42	8.3	5.03	21.18	1149	-154	16862	-670	970	-2897	2.7	87.3	94	403	
Light3	2022-09-23 21:42	8.3	5.01	22.05	3321	437	16863	-985	955	-2851	9.9	80.1	88	362	
Light3	2022-09-23 21:42	8	5.03	21.23	7596	-688	15366	-1892	869	-2526	25.2	64.8	89	338	
Light3	2022-09-23 21:42	8	5.03	21.1	11137	-179	13223	-2647	874	-1943	39.3	50.7	92	419	
Light3	2022-09-23 21:42	8	5.01	21.1	13751	29	10309	-3200	796	-1271	52.8	37.2	92	512	
Light3	2022-09-23 21:42	8	5.01	21.29	15270	504	7654	-3525	666	-664	63.5	26.5	92	479	
Light3	2022-09-23 21:42	8	5.03	21.31	16419	428	5302	-3677	667	-115	72.6	17.4	89	460	
Light3	2022-09-23 21:42	8	5.03	21.31	16683	858	2412	-3767	575	345	82.2	7.8	91	442	
Light3	2022-09-23 21:42	8	5.03	21.22	16730	528	707	-3730	667	779	87.8	2.2	131	516	
Light3	2022-09-23 21:42	8	5.03	21.3	1346	484	17392	-1092	787	-2871	3.3	86.7	113	404	
Light3	2022-09-23 21:42	8	5.01	21.3	5829	437	16238	-1983	690	-2526	18.6	71.4	114	425	
Light3	2022-09-23 21:42	8	5.03	21.5	11082	452	12917	-2914	645	-1747	39.9	50.1	105	527	
Light3	2022-09-23 21:42	8	5.03	21.5	13894	607	10074	-3402	573	-1037	53.7	36.3	101	583	
Light3	2022-09-23 21:42	8	5.03	21.28	15623	581	6736	-3655	615	-286	66.9	23.1	93	348	
Light3	2022-09-23 21:42	8	5.03	21.28	16089	156	4841	-3762	544	173	74	16.0	91</		

ID	Local Date & Time	Temperature	MSAS									Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light3	2022-09-23 21:42		8	5.01	21.65	7383	-142	15297	-2361	727	-2254	24.7	65.3	117	473
Light3	2022-09-23 21:43		8	5.03	20.81	11764	197	12171	-3050	643	-1592	43.4	46.6	105	354
Light3	2022-09-23 21:43		8	5.03	21.16	13819	130	9816	-3467	514	-932	54.3	35.7	104	254
Light3	2022-09-23 21:43		8	5.03	21.16	15817	367	6806	-3710	474	-244	67	23.0	96	368
Light3	2022-09-23 21:43		8	5.01	21.16	15989	905	5577	-3783	446	98	71	19.0	93	269
Light3	2022-09-23 21:43		8	5.03	21.37	16183	664	5276	-3781	447	156	72.4	17.6	93	394
Light3	2022-09-23 21:43		8	5.03	21.37	16342	1134	4539	-3803	455	370	74.6	15.4	90	447
Light3	2022-09-23 21:43		8	5.03	21.37	16363	413	3390	-3792	485	683	79.2	10.8	90	483
Light3	2022-09-23 21:43		7.7	5.01	21.37	16667	689	2806	-3793	480	837	81.1	8.9	92	303
Light3	2022-09-23 21:43		7.7	5.03	21.25	16938	831	-389	-3698	413	1466	85.8	4.2	272	253
Light3	2022-09-23 21:43		7.7	5.01	21.18	16576	667	-540	-3676	472	1526	85.6	4.4	275	235
Light3	2022-09-23 21:43		7.7	5.03	21.18	-1110	-996	17653	-1007	743	-2908	-5	95.0	141	569
Light3	2022-09-23 21:43		8	5.03	20.85	7581	-926	15359	-2512	695	-2146	25.2	64.8	129	332
Light3	2022-09-23 21:43		8	5.03	20.85	11394	-597	12458	-3083	613	-1572	41.8	48.2	115	491
Light3	2022-09-23 21:43		8	5.03	20.87	13193	19	10889	-3385	552	-1091	50.1	39.9	110	366
Light3	2022-09-23 21:43		7.7	5.03	21.25	11765	1111	11453	-3141	400	-1576	45.1	44.9	106	554
Light3	2022-09-23 21:43		7.7	5.03	20.8	8988	-180	14769	-2805	544	-1924	30.3	59.7	129	197
Light3	2022-09-23 21:43		7.7	5.01	21.22	15272	-633	8246	-3677	540	-296	61.7	28.3	104	558
Light3	2022-09-23 21:43		7.7	5.03	21.35	16124	66	4731	-3812	421	473	74.4	15.6	91	482
Light3	2022-09-23 21:43		7.7	5.03	21.35	16782	-35	743	-3724	447	1325	89	1.0	107	489
Light3	2022-09-23 21:43		7.7	5.03	21.35	16436	143	-711	-3664	401	1587	85.7	4.3	287	376
Light3	2022-09-23 21:43		7.4	5.03	21.22	16919	527	-1365	-3604	386	1822	83.3	6.7	286	329
Light3	2022-09-23 21:43		7.4	5.03	21.44	3077	-386	16677	-1926	255	-2667	9.3	80.7	159	426
Light3	2022-09-23 21:43		7.4	5.01	21.44	6822	410	15582	-2536	206	-2255	22.5	67.5	148	430
Light3	2022-09-23 21:43		7.7	5.01	21.44	12328	197	11353	-3517	134	-1039	46.9	43.1	143	460
Light3	2022-09-23 21:43		7.7	5.03	21.3	14945	-410	8018	-3805	228	-103	61.9	28.1	117	512
Light3	2022-09-23 21:43		7.7	5.03	21.3	15782	-456	6151	-3863	199	395	69.2	20.8	99	564
Light3	2022-09-23 21:43		7.7	5.03	21.35	16680	-39	2109	-3813	82	1332	84.1	5.9	109	449
Light3	2022-09-23 21:43		7.4	5.03	21.35	16999	554	340	-3722	3	1744	87.9	2.1	270	190
Light3	2022-09-23 21:43		7.4	5.03	21.17	752	-567	16523	-1565	151	-2847	1.4	88.6	169	399
Light3	2022-09-23 21:44		7.4	5.03	21.17	1260	866	17082	-1742	-93	-2781	3	87.0	168	460
Light3	2022-09-23 21:44		7.4	5.01	21.92	9311	1023	14486	-3139	-195	-1722	31.7	58.3	170	396
Light3	2022-09-23 21:44		7.4	5.03	21.16	12679	651	10548	-3759	-149	-531	49.8	40.2	169	388
Light3	2022-09-23 21:44		7.4	5.03	21.16	13822	222	10324	-3792	-156	-432	52.9	37.1	176	381
Light3	2022-09-23 21:44		7.4	5.03	21.31	16252	-194	5961	-3934	-149	502	70.4	19.6	170	512
Light3	2022-09-23 21:44		7.4	5.03	21.26	17012	118	1228	-3837	-181	1430	87.2	2.8	231	442
Light3	2022-09-23 21:44		7.4	5.03	21.26	16848	975	-439	-3677	-337	1965	85.3	4.7	289	483
Light3	2022-09-23 21:44		7.4	5.03	21.2	491	124	18834	-1825	-37	-2751	0.3	89.7	174	329
Light3	2022-09-23 21:44		7.4	5.03	21.75	11012	106	12650	-3412	-233	-1343	40.3	49.7	186	282
Light3	2022-09-23 21:44		7.4	5.03	21.75	14272	1064	9665	-3747	-303	-615	55.5	34.5	182	228
Light3	2022-09-23 21:44		7.4	5.03	21.25	16768	355	4333	-3932	-333	1005	76.2	13.8	281	459
Light3	2022-09-23 21:44		7	5.03	21.17	16539	609	3627	-3917	-369	1103	78.3	11.7	274	509
Light3	2022-09-23 21:44		7	5.01	21.17	17235	467	374	-3795	-352	1634	88.2	1.8	275	388
Light3	2022-09-23 21:44		7	5.03	21.16	16775	556	768	-3757	-406	1752	87.6	2.4	265	417
Light3	2022-09-23 21:44		7	5.01	21.16	17108	1052	4395	-3948	-510	853	75.7	14.3	272	400
Light3	2022-09-23 21:44		7	5.01	21.4	7740	105	15513	-2882	-618	-1996	25.4	64.6	209	489
Light3	2022-09-23 21:44		7	5.03	21.72	13224	147	11044	-3677	-733	-788	49.7	40.3	236	485
Light3	2022-09-23 21:44		7	5.03	21.05	13295	89	10576	-3671	-706	-803	51.1	38.9	237	471
Light3	2022-09-23 21:44		7	5.03	21.09	15917	425	6345	-3947	-806	329	68.6	21.4	265	223
Light3	2022-09-23 21:44		7	5.01	21.1	16501	382	3861	-3945	-820	843	77.6	12.4	270	312
Light3	2022-09-23 21:44		7	5.03	21.14	16763	1030	467	-3795	-887	1615	86.2	3.8	281	500
Light3	2022-09-23 21:44		7	5.03	21.14	16802	760	266	-3780	-886	1650	87.1	2.9	288	475
Light3	2022-09-23 21:45		7	5.03	21.14	16809	1102	503	-3808	-1034	1475	86	4.0	284	451
Light3	2022-09-23 21:45		7	5.03	21.17	779	462	16506	-1367	-770	-2861	1.5	88.5	212	554
Light3	2022-09-23 21:45		7	5.03	21.17	7445	452	15434	-2629	-984	-2153	24.7	65.3	230	331
Light3	2022-09-23 21:45		7	5.03	21.93	12883	207	11257	-3539	-977	-1057	48.4	41.6	247	79
Light3	2022-09-23 21:45		7	5.01	21.93	15546	480	6517	-3877	-1067	36	67.6	22.4	267	275
Light3	2022-09-23 21:45		7	5.03	21.07	16562	552	3687	-3910	-1131	751	78.2	11.8	270	162
Light3	2022-09-23 21:45		7	5.03	21.1	16762	1110	-109	-3760	-1190	1586	85.5	4.5	315	439
Light3	2022-09-23 21:45		7	5.03	21.1	4101	1548	16681	-1902	-1200	-2543	12.6	77.4	229	460
Light3	2022-09-23 21:45		7	5.03	21.72	12056	896	12475	-3269	-1218	-1403	43.2	46.8	251	478
Light3	2022-09-23 21:45		7	5.03	21.23	13246	561	11152	-3479	-1217	-1064	49.4	40.6	256	255
Light3	2022-09-23 21:45		6.7	5.03	21.16	15786	642	6795	-3827	-1263	-58	66.9	23.1	268	313
Light3	2022-09-23 21:45		6.7	5.03	21.14	16618	964	3162	-3882	-1265	573	79.6	10.4	273	481
Light3	2022-09-23 21:45		6.7	5.03	21.16	16806	970	1050	-3820	-1356	1104	85.8	4.2	282	308
Light3	2022-09-23 21:45		6.7	5.03	21.16	464	505	17284	-755	-1151	-2859	0.3	89.7	251	529
Light3	2022-09-23 21:45		6.7	5.03	21.16	5784	-158	16287	-1757	-1032	-2667	18.4	71.6	257	452
Light3	2022-09-23 21:45		6.7	5.03	21.16	8845	397	14941	-2330	-1200	-2314	29.6	60.4	262	436
Light3	2022-09-23 21:45		6.7	5.03	21.16	10659	471	13776	-2781	-1249	-1945	36.8	53.2	259	389
Light3	2022-09-23 21:45		6.7	5.03	21.16	13766	1101	10130	-3262	-1381	-1327	53.1	36.9	272	268
Light3	2022-09-23 21:45		6.7	5.03	22.44	13801	1028	9909	-3339	-1367	-1228	53.9	36.1	270	441
Light3	2022-09-23 21:45		6.7	5.03	22.44	15605	846	6252	-3672	-1388	-488	68.4	21.6	275	496
Light3	2022-09-23 21:45		6.7	5.03	21.33	16227	1497	4091	-3764	-1473	-37	75.6	14.4	280	457
Light3	2022-09-23 21:45		6.7	5.03	21.33	16699	1107	667	-3838	-1419	671	85.8	4.2	317	518
Light3	2022-09-23 21:45		6.7	5.03	21.23	5795	1301	16483	-1583	-1300	-2643	18.1	71.9	266	583
Light3	2022-09-23 21:45		6.7	5.03	21.23	650	18446	17426	-20308	4502	352	0.9	89.1	59	-22852
Light3	2022-09-23 21:45		6.7	5.03	21.23	10188	1451	13934	-2459	-1405	-2142	35.1	54.9	271	301
Light3	2022-09-23 21:45		6.7	5.03	21.92	14618	732	8883	-3321	-1362	-1246	58.5	31.5	279	429
Light3	2022-09-23 21:46		6.7	5.01	21.39	16167	595	4321	-3733	-1276	-421	75.7	14.3	282	231
Light3	2022-09-23 21:46		6.7	5.01	21.39	16773	915	1108	-3833	-1447	414	85.8	4.2	299	438
Light3	2022-09-23 21:46		6.4	5.01	21.27	16542									

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec ²)	Ax	Ay	Az								
Light3	2022-09-23 21:46		6.4	5.01	21.43	16444	1288	3679	-3705	-1349	-461	77.4	12.6	293	406
Light3	2022-09-23 21:46		6.4	5.01	21.43	16806	1220	595	-3840	-1341	119	85.5	4.5	40	201
Light3	2022-09-23 21:46		6.4	5.03	21.29	3429	1677	16770	-472	-971	-2925	10.3	79.7	320	344
Light3	2022-09-23 21:46		6.4	5.03	21.29	10974	1342	12530	-2109	-1021	-2502	40.3	49.7	320	128
Light3	2022-09-23 21:46		6.4	5.01	21.29	11351	1339	12751	-2173	-1009	-2465	40.7	49.3	318	400
Light3	2022-09-23 21:46		6.4	5.03	22.19	14357	1811	8582	-2709	-1066	-2073	58.4	31.6	339	414
Light3	2022-09-23 21:46		6.4	5.03	22.19	13855	1477	9545	-2871	-1052	-1942	54.8	35.2	316	264
Light3	2022-09-23 21:46		6.4	5.03	22.19	15527	1142	6927	-3281	-1052	-1457	65.9	24.1	312	317
Light3	2022-09-23 21:46		6.4	5.03	21.57	16458	1629	4162	-3594	-1181	-830	75.4	14.6	316	278
Light3	2022-09-23 21:46		6.4	5.03	21.38	16722	1446	1769	-3773	-1178	-359	82.9	7.1	358	259
Light3	2022-09-23 21:46		6.4	5.03	21.38	1674	1476	16915	52	-668	-2967	4.4	85.6	344	221
Light3	2022-09-23 21:46		6.4	5.03	21.38	7257	912	15379	-1070	-631	-2961	24.1	65.9	340	383
Light3	2022-09-23 21:46		6.4	5.03	21.38	10779	1748	12918	-1792	-796	-2710	38.8	51.2	348	548
Light3	2022-09-23 21:46		6.4	5.03	21.38	12776	1428	11482	-2322	-839	-2428	47.2	42.8	338	299
Light3	2022-09-23 21:46		6.4	5.03	22.31	14554	1780	9299	-2806	-898	-2034	56.7	33.3	341	213
Light3	2022-09-23 21:46		6.4	5.01	22.31	15989	2080	5867	-3365	-920	-1389	69	21.0	356	247
Light3	2022-09-23 21:46		6.4	5.03	21.45	16825	910	1738	-3776	-539	-603	84.3	5.7	51	430
Light3	2022-09-29 21:39		8.3	5.03	22.22	729	-586	17309	320	508	-2972	1.2	88.8	35	384
Light3	2022-09-29 21:39		8.3	5.03	22.8	6084	-281	15991	-742	427	-3028	19.7	70.3	32	496
Light3	2022-09-29 21:39		8.3	5.03	22.8	11058	914	13245	-1988	-41	-2672	39	51.0	26	562
Light3	2022-09-29 21:39		8.3	5.03	21.43	14682	681	8575	-2920	-81	-1965	59.6	30.4	25	224
Light3	2022-09-29 21:39		8.3	5.03	21.43	15728	876	6272	-3167	-71	-1689	68.4	21.6	33	579
Light3	2022-09-29 21:39		8.3	5.03	21.43	16382	805	4586	-3470	-56	-1220	74.8	15.2	45	318
Light3	2022-09-29 21:39		8.3	5.03	21.47	16603	24822	17682	9441	4528	362	34.4	55.6	131	286
Light3	2022-09-29 21:39		8.3	5.03	21.37	16770	567	1229	-3746	55	-508	86.4	3.6	77	346
Light3	2022-09-29 21:39		8.3	5.03	21.37	16702	350	982	-3746	67	-497	87.6	2.4	76	390
Light3	2022-09-29 21:39		8.3	5.03	21.29	219	846	17068	353	495	-2967	-0.5	90.5	49	317
Light3	2022-09-29 21:39		8.3	5.01	21.29	5354	839	16469	-791	433	-3009	16.8	73.2	52	399
Light3	2022-09-29 21:40		8.7	5.03	21.77	9810	346	14470	-1770	463	-2719	33.2	56.8	50	407
Light3	2022-09-29 21:40		8.7	5.01	21.25	13059	514	10803	-2520	455	-2224	49.9	40.1	51	473
Light3	2022-09-29 21:40		8.7	5.03	21.25	13226	338	10546	-2564	464	-2187	51.1	38.9	49	575
Light3	2022-09-29 21:40		8.7	5.03	21.25	14120	356	9770	-2808	432	-1966	55.1	34.9	54	405
Light3	2022-09-29 21:40		8.7	5.04	21.32	15575	131	6934	-3163	459	-1535	66.3	23.7	53	286
Light3	2022-09-29 21:40		8.7	5.01	21.32	16458	488	4835	-3459	356	-1061	74.2	15.8	63	304
Light3	2022-09-29 21:40		8.7	5.01	21.3	16423	435	3783	-3560	373	-806	77.8	12.2	69	503
Light3	2022-09-29 21:40		8.7	5.03	22.72	763	-426	17571	-37	898	-2940	1.3	88.7	65	566
Light3	2022-09-29 21:40		8.7	5.03	21.62	8821	66	14387	-1628	780	-2694	30.6	59.4	59	558
Light3	2022-09-29 21:40		8.7	5.03	21.07	12606	366	11670	-2537	693	-2133	46.6	43.4	66	366
Light3	2022-09-29 21:40		8.7	5.01	21.21	13214	99	10816	-2658	683	-2016	50.3	39.7	63	363
Light3	2022-09-29 21:40		9	5.03	21.22	14975	-81	8274	-3058	728	-1532	61.2	28.8	65	513
Light3	2022-09-29 21:40		9	5.03	21.26	15698	-697	6660	-3283	759	-1154	67.3	22.7	65	305
Light3	2022-09-29 21:40		9	5.01	21.26	16856	308	1929	-3694	600	-140	84.6	5.4	83	563
Light3	2022-09-29 21:41		8.7	5.01	21.25	16688	128	859	-3754	570	107	88.4	1.6	88	309
Light3	2022-09-29 21:41		8.7	5.03	21.25	-1180	210	17213	110	968	-2900	-5.2	95.2	80	497
Light3	2022-09-29 21:41		8.7	5.03	21.95	9105	-236	14607	14070	4506	366	31	59.0	85	467
Light3	2022-09-29 21:41		9	5.03	21.25	15537	713	7028	-3359	670	-1057	65.8	24.2	79	537
Light3	2022-09-29 21:41		9	5.03	21.25	17097	423	3871	-3630	662	-347	77.9	12.1	82	403
Light3	2022-09-29 21:41		8.7	5.03	21.27	16618	790	3915	-3652	583	-353	77.2	12.8	84	524
Light3	2022-09-29 21:41		8.7	5.01	21.27	17228	952	2353	-3748	535	23	82.4	7.6	88	482
Light3	2022-09-29 21:41		8.7	5.03	21.27	16761	273	1859	-3720	641	152	84.8	5.2	87	370
Light3	2022-09-29 21:41		9	5.03	21.22	2080	-850	16422	-997	1012	-2821	6	84.0	101	551
Light3	2022-09-29 21:41		9	5.01	22.24	4392	-98	16507	-1512	952	-2686	13.7	76.3	102	558
Light3	2022-09-29 21:41		9	5.03	21.44	8987	-794	14877	-2404	948	-2129	30.1	59.9	103	495
Light3	2022-09-29 21:41		8.7	5.03	21.33	13533	-2281	9774	-3066	1100	-1229	53.3	36.7	83	444
Light3	2022-09-29 21:42		8.7	5.01	21.4	14880	236	7751	-3469	757	-743	62.6	27.4	90	498
Light3	2022-09-29 21:42		8.7	5.03	21.38	16398	223	4734	-3683	716	22	74.6	15.4	89	410
Light3	2022-09-29 21:42		8.7	5.03	21.38	16963	-41	1235	-3712	723	718	87.2	2.8	92	419
Light3	2022-09-29 21:42		8.7	5.01	21.22	16819	-268	514	-3672	773	909	89.2	0.8	66	464
Light3	2022-09-29 21:42		8.7	5.03	22.53	1158	883	16863	-1388	583	-2844	2.7	87.3	129	534
Light3	2022-09-29 21:42		8.7	5.03	22.53	8519	362	14494	-2774	462	-1987	29.5	60.5	129	329
Light3	2022-09-29 21:42		8.7	5.03	21.66	12971	-22	11361	-3441	492	-1017	48.3	41.7	118	465
Light3	2022-09-29 21:42		8.7	5.03	21.66	14575	-89	8471	-3682	557	-306	59.9	30.1	103	547
Light3	2022-09-29 21:42		8.7	5.01	21.33	15338	-286	7088	-3722	567	-94	65.5	24.5	98	487
Light3	2022-09-29 21:42		8.7	5.03	21.35	16376	279	3494	-3795	501	677	78.9	11.1	90	382
Light3	2022-09-29 21:42		8.7	5.03	21.35	16913	-314	3824	-3787	513	733	78.1	11.9	90	452
Light3	2022-09-29 21:42		8.3	5.01	21.31	16793	-323	3364	-3815	416	837	79.6	10.4	90	461
Light3	2022-09-29 21:42		8.3	5.01	21.27	16600	-660	2597	-3787	405	1074	82	8.0	92	546
Light3	2022-09-29 21:42		8.7	5.01	21.51	834	300	16849	-1557	255	-2840	1.6	88.4	154	538
Light3	2022-09-29 21:43		8.3	5.03	22.11	9623	-484	14258	-3135	122	-1677	33.1	56.9	163	238
Light3	2022-09-29 21:43		8.3	5.03	21.19	12609	-690	11252	-3629	154	-785	47.8	42.2	153	449
Light3	2022-09-29 21:43		8.3	5.01	21.37	14008	219	9437	-3749	76	-492	55.9	34.1	138	489
Light3	2022-09-29 21:43		8.3	5.03	21.37	14789	-581	-2452	20652	4540	362	78	12.0	275	598
Light3	2022-09-29 21:43		8.3	5.03	21.42	16342	-984	5965	-3917	65	619	70.2	19.8	91	568
Light3	2022-09-29 21:43		8.3	5.01	21.4	16609	-78	3997	-3891	11	949	77.3	12.7	78	367
Light3	2022-09-29 21:43		8.3	5.01	21.21	16901	-200	541	-3749	19	1655	89.4	0.6	96	562
Light3	2022-09-29 21:43		8.3	5.01	21.23	16608	91	-455	-3688	-3	1832	86.7	3.3	315	459
Light3	2022-09-29 21:43		8.3	5.03	22.62	-2410	53	17159	-661	-827	-2968	-9.3	99.3	221	221
Light3	2022-09-29 21:43		8	5.03	22.73	-3928	-262	17289	1055	-386	-2795	-14.3	104.3	334	546
Light4	2021-09-10 21:44		16.1	5.03	21.69	2334	69	15986	-141	-95	-3034	7.1	82.9	6	412
Light4	2021-09-10 21:49		13.8	5.03	19.46	3428	-462	16771	-107	9	-3079	10.4	79.6	4	470
Light4	2021-09-10 21:49		13.8	5.01											

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light4	2021-09-10 21:51	13.8	5.03	23.2	-77	-748	17007	-1325	366	-2913	-1.5	91.5	159	198	
Light4	2021-09-10 21:51	13.8	5.03	23.2	-685	-204	17019	-1317	25	-2953	-3.6	93.6	173	389	
Light4	2021-09-10 21:51	13.8	5.03	23.2	489	-1055	16895	-1521	-154	-2897	0.4	89.6	192	199	
Light4	2021-09-10 21:51	13.8	5.01	23.2	177	-1268	17364	-1340	-467	-2949	-0.7	90.7	212	349	
Light4	2021-09-10 21:52	13.8	5.01	23.31	618	-1595	17278	-917	-831	-2977	0.8	89.2	247	396	
Light4	2021-09-10 21:52	13.5	5.03	22.91	942	-1128	17349	-717	-979	-2956	1.9	88.1	261	480	
Light4	2021-09-10 21:52	13.5	5.03	23.01	1768	-1359	17187	-330	-668	-3030	4.7	85.3	294	403	
Light4	2021-09-10 21:53	13.5	5.03	23.74	1508	-1414	16476	44	-342	-3051	4	86.0	325	389	
Light4	2021-09-10 21:53	13.5	5.01	23.74	1654	-1936	17462	83	-328	-3051	4.3	85.7	323	337	
Light4	2021-09-10 21:53	13.5	5.03	22.07	7929	-620	15168	-1105	143	-2983	26.6	63.4	10	294	
Light4	2021-09-10 21:53	13.5	5.03	21.77	8215	35	15760	-1324	465	-2889	26.5	63.5	43	343	
Light4	2021-09-10 21:53	13.5	5.03	21.77	8094	3	14880	-1330	476	-2869	27.5	62.5	41	362	
Light4	2021-09-10 21:53	13.2	5.03	21.56	678	8718	17170	-26407	4564	392	1	89.0	72	-24388	
Light4	2021-09-10 21:53	13.2	5.03	21.55	8081	822	15374	-1855	629	-2605	26.6	63.4	82	366	
Light4	2021-09-10 21:54	13.2	5.03	21.19	7986	960	15223	-2262	565	-2382	26.6	63.4	106	220	
Light4	2021-09-10 21:54	13.2	5.03	21.37	7066	-134	15491	-2399	525	-2302	23.4	66.6	129	354	
Light4	2021-09-10 21:54	13.2	5.03	21.43	6269	-48	16148	-2531	364	-2238	20.1	69.9	148	461	
Light4	2021-09-10 21:54	13.2	5.03	21.65	7002	67	15338	-2756	-98	-2143	23.5	66.5	175	470	
Light4	2021-09-10 21:54	13.2	5.03	21.65	7187	-148	16516	-2804	-507	-2108	22.4	67.6	203	421	
Light4	2021-09-10 21:54	13.2	5.03	21.86	7324	-73	15557	-2627	-928	-2223	24.1	65.9	230	432	
Light4	2021-09-10 21:54	12.8	5.03	21.22	7648	209	15619	-2387	-1219	-2318	25	65.0	249	420	
Light4	2021-09-10 21:54	12.8	5.03	21.23	7505	-189	15329	-1821	-1151	-2653	25	65.0	276	409	
Light4	2021-09-10 21:55	12.8	5.03	22.12	7296	-499	14946	-1425	-829	-2863	25	65.0	302	257	
Light4	2021-09-10 21:55	12.8	5.03	22.22	7578	53	15854	-1084	-496	-2988	24.5	65.5	337	431	
Light4	2021-09-10 21:55	12.8	5.03	22.43	6731	497	15444	-802	-130	-3066	22.4	67.6	8	170	
Light4	2021-09-10 21:55	12.8	5.03	21.62	10396	363	13895	-1692	4	-2801	35.9	54.1	17	433	
Light4	2021-09-10 21:55	12.5	5.03	21.63	10185	507	13835	-1773	260	-2743	35.5	54.5	37	487	
Light4	2021-09-10 21:55	12.5	5.03	21.62	10538	801	13346	-2109	509	-2498	37.4	52.6	63	451	
Light4	2021-09-10 21:56	12.5	5.03	21.5	10649	-312	12857	-2428	815	-2134	38.9	51.1	80	446	
Light4	2021-09-10 21:56	12.5	5.03	21.37	10100	1080	14003	-2806	522	-1925	34.8	55.2	112	308	
Light4	2021-09-10 21:56	12.5	5.01	21.38	10409	-113	13540	-3082	320	-1702	36.7	53.3	137	318	
Light4	2021-09-10 21:56	12.5	5.03	21.32	10012	588	14254	-3258	-306	-1608	34.1	55.9	185	454	
Light4	2021-09-10 21:56	12.2	5.03	21.48	9989	-768	14440	-3115	-791	-1775	33.7	56.3	233	484	
Light4	2021-09-10 21:57	12.2	5.03	21.12	10280	-499	13878	-2936	-1045	-1916	35.7	54.3	250	400	
Light4	2021-09-10 21:57	12.2	5.03	21.13	10189	-369	13816	-2646	-1159	-2140	35.5	54.5	263	476	
Light4	2021-09-10 21:57	12.2	5.03	21.15	10321	-3	13831	-2301	-1149	-2398	35.9	54.1	282	366	
Light4	2021-09-10 21:57	12.2	5.03	21.66	10336	709	12819	-2018	-930	-2607	38.1	51.9	316	473	
Light4	2021-09-10 21:57	12.2	5.03	21.85	10315	-920	13709	-1726	-273	-2808	36.1	53.9	337	220	
Light4	2021-09-10 21:57	12.2	5.03	21.62	13705	917	10055	-2667	-295	-2232	53.3	36.7	10	461	
Light4	2021-09-10 21:58	12.2	5.03	21.59	14162	1643	9560	-2832	-87	-2063	55.3	34.7	45	364	
Light4	2021-09-10 21:58	11.9	5.03	21.58	14139	1485	9619	-2910	177	-1919	55.2	34.8	61	189	
Light4	2021-09-10 21:58	11.9	5.01	21.56	13990	2143	9653	-3113	279	-1660	54.4	35.6	81	453	
Light4	2021-09-10 21:58	11.9	5.03	21.54	13683	2070	9975	-3314	283	-1355	52.9	37.1	97	431	
Light4	2021-09-10 21:58	11.9	5.03	21.5	13811	2005	9901	-3555	193	-974	53.4	36.6	111	398	
Light4	2021-09-10 21:58	11.9	5.01	21.5	13787	1567	10019	-3679	-14	-759	53.3	36.7	133	328	
Light4	2021-09-10 21:58	11.9	5.03	21.45	13582	1279	11047	-3679	-126	-816	50.2	39.8	154	405	
Light4	2021-09-10 21:58	11.9	5.01	21.33	13414	1727	10327	-3759	-455	-658	51.6	38.4	193	363	
Light4	2021-09-10 21:58	11.9	5.03	21.32	13668	1267	10147	-3824	-673	-526	52.8	37.2	228	456	
Light4	2021-09-10 21:59	11.9	5.03	21.3	13635	1197	10267	-3778	-989	-584	52.5	37.5	246	384	
Light4	2021-09-10 21:59	11.9	5.03	21.25	14142	308	10001	13989	4506	382	54.4	35.6	88	434	
Light4	2021-09-10 21:59	11.6	5.03	21.25	13846	-294	9946	-3680	-1208	-755	54.1	35.9	260	259	
Light4	2021-09-10 21:59	11.6	5.03	21.21	14127	381	9957	-3493	-1407	-1052	54.5	35.5	267	318	
Light4	2021-09-10 21:59	11.6	5.03	21.2	14174	728	9739	-3366	-1459	-1237	55.2	34.8	273	456	
Light4	2021-09-10 21:59	11.6	5.03	21.22	14262	1092	10166	-3129	-1419	-1576	54	36.0	283	327	
Light4	2021-09-10 21:59	11.6	5.01	21.21	14103	993	10084	-2954	-1184	-1867	54	36.0	298	358	
Light4	2021-09-10 21:59	11.6	5.03	21.51	14549	621	9033	-2880	-802	-2021	58	32.0	325	466	
Light4	2021-09-10 21:59	11.6	5.03	21.55	16413	1058	3909	-3593	-309	-1039	76.9	13.1	42	329	
Light4	2021-09-10 21:59	11.6	5.03	21.53	16533	1251	4211	-3611	47	-889	75.7	14.3	71	400	
Light4	2021-09-10 21:59	11.6	5.01	21.52	16458	397	4105	-3620	93	-843	76.7	13.3	59	415	
Light4	2021-09-10 21:59	11.6	5.03	21.52	15947	1519	3747	-3655	319	-622	76.4	13.6	83	479	
Light4	2021-09-10 22:00	11.6	5.01	21.49	16495	1294	3979	-3710	367	-357	76.4	13.6	86	369	
Light4	2021-09-10 22:00	11.6	5.03	21.47	16269	1485	4399	-3794	390	17	74.6	15.4	91	258	
Light4	2021-09-10 22:00	11.6	5.03	21.47	16448	1642	4407	-3791	378	2	74.6	15.4	91	338	
Light4	2021-09-10 22:00	11.6	5.03	21.47	16330	1201	5182	-3872	216	260	72.4	17.6	95	496	
Light4	2021-09-10 22:00	11.6	5.03	21.45	16099	1917	4699	-3935	-5	628	72.9	17.1	80	497	
Light4	2021-09-10 22:00	11.2	5.01	21.42	16765	570	4794	-3963	-181	837	74.6	15.4	309	449	
Light4	2021-09-10 22:00	11.2	5.03	21.42	16377	698	4356	-3991	-476	854	75.6	14.4	274	388	
Light4	2021-09-10 22:00	11.2	5.03	21.4	16335	501	4880	-3995	-788	802	73.9	16.1	271	287	
Light4	2021-09-10 22:00	11.6	5.03	21.39	16325	279	4165	-3977	-1078	675	76.5	13.5	270	269	
Light4	2021-09-10 22:01	11.2	5.03	21.38	16519	-54	4068	-3928	-1264	301	77	13.0	272	417	
Light4	2021-09-10 22:01	11.2	5.03	21.38	16438	-736	3928	-3929	-1244	285	77.3	12.7	270	486	
Light4	2021-09-10 22:01	11.2	5.03	21.38	16588	64	3338	-3880	-1289	-18	79.6	10.4	276	341	
Light4	2021-09-10 22:01	11.2	5.03	21.42	16606	-250	3473	-3773	-1141	-530	79.2	10.8	282	458	
Light4	2021-09-10 22:01	11.2	5.03	21.47	16734	496	3925	-3667	-987	-853	77.5	12.5	301	414	
Light4	2021-09-10 22:01	11.2	5.03	21.5	16794	385	2864	-3712	-531	-802	81.3	8.7	338	278	
Light4	2021-09-10 22:01	11.2	5.03	22.08	5683	-6426	21009	-1153	1593	-2276	16.1	73.9	72	475	
Light4	2021-10-04 20:34	17	5.03	20.73	1840	658	17206	120	-435	-3018	5	85.0	350	331	
Light4	2021-10-04 20:34	17	5.03	20.73	2316	1377	16873	119	-132	-3044	6.6	83.4	18	380	
Light4	2021-10-04 20:34	17	5.03	20.73	1567	1935	17652	178	-49	-3036	4	86.0	31	584	
Light4	2021-10-04 20:34	17	5.03	20.73	2066	1152	16962	38	239	-3055	5.8	84.2	39	538	
Light4	2021-10-04 20:34	17	5.01	20.73	1739	1138	17310	-139	466	-3043	4.6	85.4	58	451	
Light4	2021-10-04 20:34	17	5.03	22.95	1338	1689	17057	-296	560	-3038	3.3	86.7	74		

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration	
			Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz				
Light4	2021-10-04 20:34	17	5.03	22.32	93	850	17132	-1175	430	-2947	-0.9	90.9	135	79
Light4	2021-10-04 20:34	17	5.03	22.32	765	878	16740	-1330	248	-2925	1.4	88.6	143	424
Light4	2021-10-04 20:34	17	5.03	22.32	363	-646	17426	-1499	26	-2901	0	90.0	177	465
Light4	2021-10-04 20:34	17	5.01	22.32	65	1296	16545	-1493	-331	-2907	-1	91.0	175	563
Light4	2021-10-04 20:34	17	5.01	22.32	23	318	17935	-1501	-334	-2892	-1.2	91.2	186	548
Light4	2021-10-04 20:34	17	5.03	22.32	129	1125	17292	-1417	-415	-2919	-0.8	90.8	182	575
Light4	2021-10-04 20:34	16.7	5.03	23.06	452	-723	17344	-1363	-702	-2890	0.3	89.7	218	589
Light4	2021-10-04 20:35	17	5.01	23.06	-85	-187	17416	-1065	-872	-2940	-1.5	91.5	227	482
Light4	2021-10-04 20:35	17	5.03	23.06	321	-1099	17670	-954	-916	-2944	-0.2	90.2	242	445
Light4	2021-10-04 20:35	16.7	5.01	23.06	-99	-3	16790	-707	-1093	-2924	-1.6	91.6	249	477
Light4	2021-10-04 20:35	16.7	5.03	23.34	-1502	-1008	19048	-296	-1066	-2926	-6.4	96.4	258	461
Light4	2021-10-04 20:35	16.7	5.03	23.34	-689	-774	17640	157	-759	-2945	-3.6	93.6	295	489
Light4	2021-10-04 20:35	16.4	5.03	23.7	-496	-634	17466	316	-656	-2943	-2.9	92.9	311	585
Light4	2021-10-04 20:35	16.4	5.03	23.7	-1066	-442	17363	726	-59	-2904	-4.9	94.9	0	454
Light4	2021-10-04 20:35	16.4	5.03	23.7	-581	8	17481	670	78	-2924	-3.2	93.2	15	497
Light4	2021-10-04 20:36	16.4	5.03	22.97	5151	-505	15998	-489	58	-3080	16.7	73.3	7	322
Light4	2021-10-04 20:36	16.4	5.03	22.05	5449	1049	16067	-558	184	-3067	17.5	72.5	33	478
Light4	2021-10-04 20:36	16.1	5.03	21.57	5228	359	16603	-715	483	-3016	16.3	73.7	47	483
Light4	2021-10-04 20:36	16.1	5.03	21.5	5257	554	16571	-964	607	-2947	16.4	73.6	64	358
Light4	2021-10-04 20:36	16.1	5.01	21.5	5518	97	16531	-959	652	-2938	17.3	72.7	60	560
Light4	2021-10-04 20:36	16.1	5.03	21.5	6519	-454	17072	-1534	932	-2672	20	70.0	85	463
Light4	2021-10-04 20:36	15.7	5.03	21.5	6480	477	16443	-1981	697	-2527	20.4	69.6	109	370
Light4	2021-10-04 20:36	15.7	5.01	21.27	108	2566	16928	-5464	4520	408	-0.8	90.8	86	-29183
Light4	2021-10-04 20:36	15.7	5.03	21.32	5945	126	16292	-2420	61	-2387	18.9	71.1	163	315
Light4	2021-10-04 20:36	15.7	5.03	21.32	5523	-51	16202	-2462	75	-2354	17.7	72.3	166	501
Light4	2021-10-04 20:36	15.7	5.01	21.41	4847	418	16263	-2364	-605	-2451	15.4	74.6	202	321
Light4	2021-10-04 20:36	15.7	5.03	21.4	5472	592	16532	-2254	-1051	-2440	17.1	72.9	228	332
Light4	2021-10-04 20:37	15.4	5.03	22.03	5339	-454	15878	-2283	-936	-2441	17.4	72.6	231	434
Light4	2021-10-04 20:37	15.4	5.03	21.67	5938	894	16709	-2133	-1276	-2451	18.4	71.6	241	479
Light4	2021-10-04 20:37	15.1	5.03	21.6	5639	352	16383	-1909	-1193	-2596	17.8	72.2	249	547
Light4	2021-10-04 20:37	15.1	5.03	21.59	5946	902	16253	-1736	-1321	-2621	18.9	71.1	261	311
Light4	2021-10-04 20:37	15.1	5.03	21.59	6343	-115	15816	-1338	-1059	-2836	20.7	69.3	290	530
Light4	2021-10-04 20:37	15.1	5.03	21.9	6678	572	16113	-1069	-828	-2937	21.4	68.6	318	386
Light4	2021-10-04 20:37	15.1	5.03	22.19	7071	-646	16548	-930	-254	-3038	22	68.0	343	442
Light4	2021-10-04 20:37	14.8	5.03	21.83	6518	777	15977	-788	-138	-3070	21	69.0	12	368
Light4	2021-10-04 20:38	14.8	5.03	21.72	11947	622	12437	-2143	-90	-2588	43.1	46.9	17	221
Light4	2021-10-04 20:38	14.8	5.03	21.47	12212	502	12474	-2229	177	-2505	43.7	46.3	35	510
Light4	2021-10-04 20:38	14.8	5.03	21.42	12286	1057	12428	-2429	374	-2313	43.9	46.1	62	262
Light4	2021-10-04 20:38	14.8	5.01	21.3	12813	1048	12029	-2762	526	-1967	46	44.0	80	241
Light4	2021-10-04 20:38	14.8	5.03	21.35	12949	1316	11237	-3135	491	-1549	48.3	41.7	97	526
Light4	2021-10-04 20:38	14.8	5.01	21.47	13043	308	11732	-3112	538	-1554	47.5	42.5	99	507
Light4	2021-10-04 20:38	14.5	5.03	21.49	12544	4	11970	-3307	447	-1296	45.8	44.2	119	493
Light4	2021-10-04 20:38	14.5	5.03	21.49	12297	-364	11944	-3324	431	-1278	45.3	44.7	124	441
Light4	2021-10-04 20:38	14.5	5.03	21.46	12426	573	12084	-3512	158	-1070	45.1	44.9	140	547
Light4	2021-10-04 20:38	14.5	5.01	21.41	12524	500	11925	-3618	-202	-960	45.8	44.2	178	384
Light4	2021-10-04 20:38	14.5	5.01	21.22	12092	-308	11259	-3633	-677	-976	46.6	43.4	232	574
Light4	2021-10-04 20:38	14.1	5.03	21.2	12783	-788	11432	-3581	-895	-1041	47.7	42.3	247	547
Light4	2021-10-04 20:38	14.1	5.03	21.15	12724	700	11225	-3382	-1275	-1279	48	42.0	258	530
Light4	2021-10-04 20:38	14.1	5.03	21.28	12968	-344	11363	-3337	-1330	-1314	48.3	41.7	263	489
Light4	2021-10-04 20:38	14.1	5.03	21.28	13049	-4	11024	-3201	-1358	-1497	49.4	40.6	269	424
Light4	2021-10-04 20:38	14.1	5.03	21.37	12919	1403	12338	-2782	-1278	-1981	45.4	44.6	284	535
Light4	2021-10-04 20:39	14.1	5.01	21.5	12816	534	11173	-2633	-1048	-2179	48.4	41.6	303	545
Light4	2021-10-04 20:39	14.1	5.03	21.5	12875	540	11477	-2586	-980	-2225	47.7	42.3	306	326
Light4	2021-10-04 20:39	14.1	5.03	21.63	12678	-40	11351	-2397	-426	-2442	47.7	42.3	338	417
Light4	2021-10-04 20:39	14.1	5.01	21.63	12920	62	10599	-2384	-426	-2452	50.3	39.7	344	568
Light4	2021-10-04 20:39	13.8	5.03	21.6	12590	269	11236	-2347	-210	-2477	47.8	42.2	2	546
Light4	2021-10-04 20:39	13.8	5.03	21.59	16013	8	6180	-3316	-95	-1475	69.4	20.6	8	363
Light4	2021-10-04 20:39	13.8	5.03	21.59	15997	-539	5863	-3345	15	-1409	70.4	19.6	359	532
Light4	2021-10-04 20:39	13.8	5.03	21.6	15990	-635	5713	-3345	-4	-1406	70.8	19.2	352	576
Light4	2021-10-04 20:39	13.8	5.03	21.6	16075	-985	5886	-3366	7	-1360	70.2	19.8	339	476
Light4	2021-10-04 20:39	13.8	5.03	21.6	16317	-702	5427	-3378	252	-1266	72.1	17.9	20	491
Light4	2021-10-04 20:39	13.8	5.03	21.34	16444	206	4769	-3551	511	-727	74.5	15.5	75	577
Light4	2021-10-04 20:39	13.8	5.03	21.34	16721	628	4977	-3628	568	-412	73.9	16.1	85	540
Light4	2021-10-04 20:39	13.5	5.01	21.3	16299	-75	3997	-3692	650	-3	77.1	12.9	87	361
Light4	2021-10-04 20:39	13.5	5.03	21.3	16655	-115	4320	-3706	623	-5	76.3	13.7	88	581
Light4	2021-10-04 20:39	13.5	5.01	21.31	16598	167	3993	-3726	593	74	77.3	12.7	88	338
Light4	2021-10-04 20:39	13.5	5.03	21.31	16812	547	4175	-3795	490	330	76.7	13.3	90	513
Light4	2021-10-04 20:39	13.5	5.01	21.31	16513	490	3801	-3790	501	354	77.8	12.2	90	303
Light4	2021-10-04 20:39	13.5	5.01	21.31	15588	37	3980	-3780	517	381	76.7	13.3	90	595
Light4	2021-10-04 20:40	13.5	5.03	21.31	16548	-216	3880	-3891	184	757	77.7	12.3	88	499
Light4	2021-10-04 20:40	13.5	5.03	21.32	16626	1	3827	-3930	-109	257	77.9	12.1	125	419
Light4	2021-10-04 20:40	13.5	5.03	21.28	16187	23	4002	-3924	-119	968	77	13.0	38	517
Light4	2021-10-04 20:40	13.5	5.01	21.25	16687	213	4524	-3955	-420	975	75.5	14.5	278	482
Light4	2021-10-04 20:40	13.5	5.03	21.22	15991	55	3771	-3976	-696	870	77.7	12.3	271	435
Light4	2021-10-04 20:40	13.5	5.03	21.22	16736	-352	4384	-3982	-730	851	76.1	13.9	272	544
Light4	2021-10-04 20:40	13.2	5.03	21.2	16658	-431	4181	-3972	-920	742	76.7	13.3	270	557
Light4	2021-10-04 20:40	13.2	5.03	21.22	16826	-561	3528	-3954	-1081	662	79	11.0	269	564
Light4	2021-10-04 20:40	13.2	5.03	21.22	16230	-692	3496	-3948	-1136	614	78.7	11.3	269	567
Light4	2021-10-04 20:40	13.2	5.03	21.22	16212	-575	3233	-3942	-1193	359	79.7	10.3	270	583
Light4	2021-10-04 20:40	13.2	5.01	21.22	16607	-114	3550	-3924	-1212	308	78.9	11.1	272	353
Light4	2021-10-04 20:40	13.2	5.01	21.26	16530	27	3688	-3927	-1220	336	78.4	11.6	272	591
Light4	2021-10-04 20:40	13.2	5.03	21.29	16253	224	4008	-3747	-1204	-521	77	13.0	283	485
Light4	2021-10-04 20:40	13.2	5.03	21.57	16610									

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light4	2021-10-04 20:40	13.2	5.01	21.55	16696	1066	3501	-3660	-275	-890	78.4	11.6	51	469	
Light4	2021-10-04 20:41	12.8	5.03	21.54	16710	173	3927	-3597	-382	-1026	77.6	12.4	341	523	
Light4	2021-10-28 20:20	12.8	5.03	21.49	2896	-1188	16763	6	-86	-3093	8.6	81.4	349	409	
Light4	2021-10-28 20:20	12.8	5.03	22.91	3321	-1404	17021	11	361	-3066	9.9	80.1	13	364	
Light4	2021-10-28 20:20	12.8	5.03	22.91	2804	-1244	16823	22	674	-3021	8.2	81.8	32	549	
Light4	2021-10-28 20:20	12.8	5.03	22.91	1542	-512	17600	18	812	-2976	3.9	86.1	53	537	
Light4	2021-10-28 20:20	12.5	5.03	22.12	1312	-1145	16799	-118	1101	-2904	3.2	86.8	65	584	
Light4	2021-10-28 20:20	12.5	5.03	22.57	1197	-1157	17186	-400	1188	-2857	2.8	87.2	80	427	
Light4	2021-10-28 20:21	12.5	5.03	22.57	-1947	-1741	16554	-297	1249	-2851	-8	98.0	109	404	
Light4	2021-10-28 20:21	12.2	5.03	23.35	-2132	-1664	17326	-564	1116	-2875	-8.4	98.4	124	545	
Light4	2021-10-28 20:21	12.2	5.03	23.35	-1952	-935	17035	-941	614	-2964	-7.8	97.8	149	590	
Light4	2021-10-28 20:21	11.9	5.03	23.35	-1824	-1215	16771	-1106	336	-2983	-7.5	97.5	168	398	
Light4	2021-10-28 20:21	11.6	5.03	23.55	-2873	-1087	16950	-941	-57	-3046	-10.9	100.9	186	436	
Light4	2021-10-28 20:21	11.6	5.03	23.55	-2628	-1260	17033	-989	-99	-3041	-10	100.0	190	592	
Light4	2021-10-28 20:22	11.2	5.03	23.47	-2509	-1972	16514	-967	-227	-3042	-9.9	99.9	204	401	
Light4	2021-10-28 20:22	11.2	5.03	23.47	-2182	-1207	16797	-771	-622	-3039	-8.7	98.7	221	532	
Light4	2021-10-28 20:22	11.2	5.03	23.47	-2980	-1340	16455	-488	-716	-3034	-11.5	101.5	229	540	
Light4	2021-10-28 20:22	11.2	5.03	23.47	-3065	-992	16346	-442	-810	-3018	-11.9	101.9	231	586	
Light4	2021-10-28 20:22	11.2	5.03	23.48	-2647	229	16791	-253	-1110	-2913	-10.2	100.2	245	492	
Light4	2021-10-28 20:22	11.2	5.03	23.48	-2239	354	17294	-277	-1190	-2892	-8.8	98.8	249	324	
Light4	2021-10-28 20:22	11.2	5.03	23.48	-1755	68	17438	-295	-1193	-2891	-7.2	97.2	254	432	
Light4	2021-10-28 20:22	10.9	5.03	23.48	-1510	-9	16976	-285	-1208	-2895	-6.3	96.3	257	553	
Light4	2021-10-28 20:23	9.9	5.03	23.92	-1378	-839	16030	709	-320	-2909	-6.2	96.2	335	554	
Light4	2021-10-28 20:23	9.9	5.03	23.92	-1980	-958	17624	1019	73	-2821	-7.9	97.9	2	367	
Light4	2021-10-28 20:23	9.9	5.01	23.86	8820	114	14759	-1311	-176	-2967	29.9	60.1	0	504	
Light4	2021-10-28 20:23	9.9	5.03	23.86	9598	-558	14724	-1384	-107	-2959	32.1	57.9	355	375	
Light4	2021-10-28 20:23	9.6	5.03	21.43	9277	-393	14936	-1340	243	-2939	30.9	59.1	19	487	
Light4	2021-10-28 20:23	9.3	5.01	21.22	10546	566	13677	-1842	363	-2714	36.7	53.3	42	493	
Light4	2021-10-28 20:24	9.3	5.03	21.16	10062	30	14609	-1919	671	-2602	33.6	56.4	61	432	
Light4	2021-10-28 20:24	9	5.03	21.12	10909	104	13908	-2263	783	-2326	37.2	52.8	74	591	
Light4	2021-10-28 20:24	9	5.03	21.22	11928	21004	17184	-5088	4500	364	26	64.0	74	582	
Light4	2021-10-28 20:24	8.7	5.03	21.22	11830	-872	12999	-2810	905	-1754	41.5	48.5	95	246	
Light4	2021-10-28 20:24	8.3	5.03	21.21	9896	44	13616	-3047	519	-1659	35.2	54.8	127	358	
Light4	2021-10-28 20:24	8.3	5.03	21.21	9887	300	14566	-3029	499	-1699	33.2	56.8	130	298	
Light4	2021-10-28 20:25	8.3	5.03	21.21	10316	-756	13462	-3106	466	-1610	36.6	53.4	136	415	
Light4	2021-10-28 20:25	8	5.03	21.16	10127	-598	14021	-3285	144	-1486	34.9	55.1	163	434	
Light4	2021-10-28 20:25	8	5.03	21.16	74	21004	16928	24068	4440	360	-0.5	90.5	121	18620	
Light4	2021-10-28 20:25	8	5.03	20.92	10791	223	13404	-3437	-658	-1350	38	52.0	217	484	
Light4	2021-10-28 20:25	8	5.03	20.95	10547	126	13223	-3268	-1029	-1545	37.8	52.2	240	397	
Light4	2021-10-28 20:25	7.7	5.03	20.95	10952	190	13342	-3159	-1256	-1607	38.6	51.4	250	546	
Light4	2021-10-28 20:25	7.7	5.03	20.95	11199	-206	13034	-3172	-1289	-1579	39.9	50.1	254	390	
Light4	2021-10-28 20:25	7.7	5.01	20.98	11285	294	13017	-3016	-1386	-1735	40.2	49.8	260	569	
Light4	2021-10-28 20:25	7.7	5.03	20.98	10908	2	12921	-2681	-1313	-2067	39.4	50.6	272	413	
Light4	2021-10-28 20:25	7.7	5.03	21.4	10732	-172	13636	-2668	-1309	-2088	37.4	52.6	268	471	
Light4	2021-10-28 20:25	7.7	5.03	21.4	10924	-542	13543	-2291	-1004	-2444	38.1	51.9	289	284	
Light4	2021-10-28 20:25	7.7	5.03	22.14	10814	-1010	13942	-2022	-628	-2674	36.9	53.1	308	274	
Light4	2021-10-28 20:26	7.4	5.01	21.51	10806	-1058	13554	-1819	-145	-2792	37.7	52.3	343	428	
Light4	2021-10-28 20:26	7.4	5.03	21.49	11336	-150	13102	-1853	20	-2770	40.1	49.9	9	454	
Light4	2021-10-28 20:26	7	5.03	21.46	14190	1	9343	-2676	-65	-2232	56.5	33.5	7	478	
Light4	2021-10-28 20:26	7	5.01	21.37	14477	-1	9146	-2825	365	-1998	57.6	32.4	40	336	
Light4	2021-10-28 20:26	7	5.03	21.37	14548	-506	9105	-2841	422	-1957	57.9	32.1	36	355	
Light4	2021-10-28 20:26	7	5.01	21.33	14483	11	8865	-2923	627	-1787	58.5	31.5	57	448	
Light4	2021-10-28 20:27	6.7	5.03	21.23	14418	655	9780	-3096	669	-1520	55.5	34.5	80	555	
Light4	2021-10-28 20:27	6.7	5.03	21.31	14311	809	10499	-3221	636	-1354	53.3	36.7	91	287	
Light4	2021-10-28 20:27	6.4	5.03	21.39	13843	1077	10427	-3466	399	-1041	52.5	37.5	108	559	
Light4	2021-10-28 20:27	6.4	5.01	21.4	13622	1581	10124	-3598	289	-841	52.7	37.3	113	372	
Light4	2021-10-28 20:27	6.4	5.03	21.4	13846	242	10236	-3595	286	-840	53.2	36.8	121	543	
Light4	2021-10-28 20:27	6.4	5.01	21.4	13525	1806	10868	-3687	124	-681	50.3	39.7	127	416	
Light4	2021-10-28 20:27	6.4	5.03	21.41	13634	1259	10415	-3731	141	-572	52	38.0	128	492	
Light4	2021-10-28 20:27	6.4	5.03	21.41	14099	1174	9995	-3823	-80	-429	54.1	35.9	148	573	
Light4	2021-10-28 20:27	6.4	5.03	21.41	13994	855	9901	-3807	-12	-402	54.3	35.7	144	525	
Light4	2021-10-28 20:27	6.1	5.03	21.4	13604	219	10079	-3846	-469	-448	53.2	36.8	221	360	
Light4	2021-10-28 20:27	6.1	5.03	21.29	13960	-79	10077	-3860	-687	-394	53.9	36.1	241	324	
Light4	2021-10-28 20:28	6.1	5.03	21.17	13915	223	9942	-3819	-1005	-490	54.2	35.8	253	504	
Light4	2021-10-28 20:28	6.1	5.03	21.17	13906	-435	10076	-3810	-1011	-494	53.8	36.2	255	355	
Light4	2021-10-28 20:28	6.1	5.03	21.17	14206	360	9624	-3750	-1190	-588	55.7	34.3	259	269	
Light4	2021-10-28 20:28	6.1	5.03	21.11	14142	-197	9391	-3751	-1193	-592	56.3	33.7	261	488	
Light4	2021-10-28 20:28	6.1	5.03	21.11	14152	753	9088	-3681	-1312	-702	57.1	32.9	263	569	
Light4	2021-10-28 20:28	6.1	5.03	21.11	14401	98	9588	-3659	-1328	-742	56.2	33.8	264	186	
Light4	2021-10-28 20:28	5.8	5.03	21.05	15067	-1485	9917	-3648	-1246	-804	56.2	33.8	265	309	
Light4	2021-10-28 20:28	5.8	5.03	21.05	14282	5	9452	-3461	-1424	-1104	56.4	33.6	271	553	
Light4	2021-10-28 20:28	5.8	5.03	21.09	14536	65	9237	-3454	-1406	-1130	57.4	32.6	273	353	
Light4	2021-10-28 20:28	5.8	5.03	21.2	14282	265	9462	-3320	-1349	-1367	56.3	33.7	277	418	
Light4	2021-10-28 20:28	5.8	5.03	21.2	14288	-59	9416	-3271	-1351	-1440	56.5	33.5	279	220	
Light4	2021-10-28 20:28	5.8	5.01	21.2	14840	268	9766	-3243	-1287	-1497	56.4	33.6	281	569	
Light4	2021-10-28 20:28	5.8	5.03	21.39	14611	-536	8939	-3228	-1188	-1572	58.5	31.5	284	423	
Light4	2021-10-28 20:28	5.8	5.03	21.47	14431	-463	9065	-3200	-1157	-1605	57.8	32.2	285	495	
Light4	2021-10-28 20:28	5.8	5.03	21.53	14348	-485	8700	-2936	-752	-1994	58.8	31.2	310	524	
Light4	2021-10-28 20:28	5.8	5.03	21.52	14962	-261	8672	-2926	-238	-2018	59.9	30.1	347	322	
Light4	2021-10-28 20:28	5.8	5.03	21.29	16695	-396	2110	-3672	-257	-910	83.9	6.1	317	599	
Light4	2021-10-28 20:29	5.4	5.03	21.35	15914	895	5453	-3431	167	-1269	71.4	18.6	60	387	
Light4	2021-10-28 20:29	5.4	5.03	21.27	16431	-607	6735	-3375	574	-1144	68	22.0	63	529	
Light4	2021-10-2														

ID	Local Date & Time	Temperature	MSAS									Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light4	2021-10-28 20:29		5.1	5.03	21.27	16434	416	3932	-3724	690	133	77.3	12.7	89	471
Light4	2021-10-28 20:29		5.1	5.03	21.35	16276	682	4302	-3815	506	407	75.8	14.2	90	429
Light4	2021-10-28 20:29		5.1	5.01	21.35	16391	291	4551	-3804	509	369	75.2	14.8	91	471
Light4	2021-10-28 20:29		5.1	5.01	21.38	15853	871	5246	-3887	267	624	72	18.0	87	428
Light4	2021-10-28 20:29		4.8	5.03	21.4	16208	795	5056	-3964	-126	903	73.1	16.9	342	470
Light4	2021-10-28 20:29		4.8	5.01	21.4	16776	7	5361	-3961	-86	852	72.9	17.1	52	550
Light4	2021-10-28 20:29		4.8	5.01	21.38	16457	98	4828	-3991	-484	953	74.4	15.6	277	550
Light4	2021-10-28 20:29		4.8	5.03	21.38	16511	-203	4737	-3995	-456	943	74.7	15.3	279	352
Light4	2021-10-28 20:29		4.8	5.01	21.35	15612	787	5180	-3993	-1081	639	72.1	17.9	270	360
Light4	2021-10-28 20:29		4.8	5.03	21.26	16259	229	5848	-3993	-1053	653	70.7	19.3	270	405
Light4	2021-10-28 20:29		4.8	5.01	21.26	16410	230	5150	-3969	-1229	505	73.2	16.8	270	447
Light4	2021-10-28 20:30		4.8	5.01	21.18	15634	364	4430	-3951	-1238	420	75	15.0	271	592
Light4	2021-10-28 20:30		4.8	5.03	21.14	16778	-859	3921	-3916	-1358	293	77.5	12.5	270	352
Light4	2021-10-28 20:30		4.8	5.01	21.14	17249	563	5221	-3801	-1415	-242	73.4	16.6	276	547
Light4	2021-10-28 20:30		4.8	5.03	21.15	16586	147	4633	-3742	-1386	-491	75.1	14.9	280	468
Light4	2021-10-28 20:30		4.8	5.03	21.27	16281	-172	4282	-3654	-1132	-871	76.1	13.9	288	494
Light4	2021-10-28 20:30		4.8	5.03	21.33	15685	-68	4424	-3617	-801	-1060	75.1	14.9	299	503
Light4	2021-10-28 20:30		4.5	5.03	21.33	16622	-90	3861	-3586	-326	-1116	77.8	12.2	336	446
Light4	2022-05-25 00:09		12.8	5.03	21.34	103	1080	17275	644	177	-2986	-0.9	90.9	30	212
Light4	2022-05-25 00:09		12.8	5.03	21.34	807	768	17384	524	129	-3031	1.5	88.5	24	428
Light4	2022-05-25 00:09		12.8	5.03	21.34	5741	687	15941	-470	159	-3143	18.6	71.4	24	377
Light4	2022-05-25 00:09		12.8	5.03	21.34	7755	434	15291	-1009	195	-3072	25.8	64.2	26	225
Light4	2022-05-25 00:09		12.8	5.03	21.7	8245	438	15027	-1063	196	-3063	27.7	62.3	25	344
Light4	2022-05-25 00:09		12.8	5.03	21.7	9103	459	14635	-1339	196	-2990	30.9	59.1	27	331
Light4	2022-05-25 00:09		12.8	5.03	21.06	10295	-189	13562	-1538	273	-2918	36.4	53.6	20	515
Light4	2022-05-25 00:09		12.8	5.03	21.06	12367	-844	11803	-2102	414	-2605	45.7	44.3	20	277
Light4	2022-05-25 00:09		12.8	5.03	21.12	12780	-739	11386	-2192	392	-2554	47.8	42.2	20	184
Light4	2022-05-25 00:09		12.8	5.03	21.12	14023	-1137	9133	-2466	437	-2355	56.7	33.3	12	340
Light4	2022-05-25 00:09		12.8	5.03	21.24	14393	-387	9253	-2663	355	-2205	57.2	32.8	25	186
Light4	2022-05-25 00:09		12.8	5.03	21.24	14556	-548	8370	-2738	361	-2129	60.1	29.9	21	288
Light4	2022-05-25 00:09		12.8	5.03	21.24	15454	-377	7149	-3024	284	-1854	65.5	24.5	23	258
Light4	2022-05-25 00:09		12.8	5.03	21.24	15505	-245	7326	-3051	275	-1833	65	25.0	27	270
Light4	2022-05-25 00:09		12.8	5.03	21.4	16007	-346	6437	-3225	274	-1606	68.5	21.5	28	339
Light4	2022-05-25 00:09		12.8	5.03	21.51	16778	-45	3261	-3525	196	-1110	80	10.0	33	487
Light4	2022-05-25 00:09		12.8	5.03	21.51	17039	164	978	-3753	140	-567	88	2.0	67	277
Light4	2022-05-25 00:09		12.5	5.03	21.55	-322	623	17116	583	683	-2966	-2.3	92.3	50	553
Light4	2022-05-25 00:09		12.5	5.03	21.55	3912	921	16499	-340	526	-3104	12.1	77.9	49	437
Light4	2022-05-25 00:09		12.5	5.03	21.55	6211	825	15477	-671	522	-3087	20.7	69.3	43	467
Light4	2022-05-25 00:09		12.5	5.03	22.06	7479	494	15274	-1074	551	-3001	25	65.0	45	382
Light4	2022-05-25 00:09		12.5	5.03	22.06	10336	331	13725	-1742	500	-2782	36.1	53.9	42	214
Light4	2022-05-25 00:09		12.5	5.03	20.99	10779	822	13341	-1822	483	-2749	38.1	51.9	46	390
Light4	2022-05-25 00:09		12.5	5.03	20.99	12629	94	11839	-2292	552	-2458	46.3	43.7	45	381
Light4	2022-05-25 00:09		12.5	5.03	21.09	12859	202	11233	-2334	556	-2422	48.4	41.6	44	480
Light4	2022-05-25 00:09		12.5	5.03	21.09	14334	193	9616	-2746	530	-2068	55.9	34.1	49	477
Light4	2022-05-25 00:09		12.5	5.03	21.23	14317	376	9416	-2775	520	-2045	56.5	33.5	51	328
Light4	2022-05-25 00:09		12.5	5.03	21.23	14344	286	9232	-2851	552	-1955	57.1	32.9	54	557
Light4	2022-05-25 00:09		12.5	5.03	21.23	15506	375	6955	-3150	502	-1608	66.1	23.9	55	414
Light4	2022-05-25 00:09		12.5	5.03	21.23	15445	585	6794	-3188	517	-1556	66.5	23.5	59	359
Light4	2022-05-25 00:09		12.5	5.03	21.37	16433	236	4395	-3445	518	-1129	75.8	14.2	60	277
Light4	2022-05-25 00:09		12.5	5.03	21.37	16620	130	4512	-3451	530	-1100	75.6	14.4	59	308
Light4	2022-05-25 00:09		12.5	5.03	21.5	16821	478	1562	-3708	421	-486	85.6	4.4	79	197
Light4	2022-05-25 00:09		12.5	5.03	21.5	16938	464	1507	-3717	430	-478	85.8	4.2	79	333
Light4	2022-05-25 00:09		12.5	5.03	21.5	2066	18952	17674	12440	4556	388	4.2	85.8	124	-20804
Light4	2022-05-25 00:09		12.5	5.03	21.5	3400	-39	16267	-340	948	-3010	10.6	79.4	58	494
Light4	2022-05-25 00:10		12.5	5.03	21.8	6474	51	15674	-1032	887	-2936	21.3	68.7	58	273
Light4	2022-05-25 00:10		12.5	5.03	21.8	7207	-203	15676	-1155	867	-2907	23.6	66.4	55	592
Light4	2022-05-25 00:10		12.5	5.03	21.04	9304	-118	14163	-1592	840	-2749	32.4	57.6	52	479
Light4	2022-05-25 00:10		12.5	5.03	21.04	9270	-157	14566	-1591	858	-2759	31.5	58.5	54	351
Light4	2022-05-25 00:10		12.5	5.03	21.04	9582	-185	14209	-1729	819	-2698	33.1	56.9	55	241
Light4	2022-05-25 00:10		12.5	5.03	20.93	11685	166	12549	-2192	757	-2450	42.3	47.7	57	386
Light4	2022-05-25 00:10		12.2	5.03	21.02	11804	35	12402	-2203	760	-2442	42.9	47.1	55	394
Light4	2022-05-25 00:10		12.2	5.03	21.02	12284	222	11967	-2304	735	-2365	45.1	44.9	56	318
Light4	2022-05-25 00:10		12.2	5.03	21.02	13260	399	10739	-2553	678	-2191	50.6	39.4	57	205
Light4	2022-05-25 00:10		12.2	5.03	21.11	13274	420	10665	-2581	682	-2176	50.8	39.2	58	152
Light4	2022-05-25 00:10		12.2	5.03	21.11	14087	231	9951	-2753	678	-2007	54.5	35.5	58	447
Light4	2022-05-25 00:10		12.2	5.03	21.11	14594	483	8876	-2945	637	-1821	58.6	31.4	61	153
Light4	2022-05-25 00:10		12.2	5.03	21.11	15803	626	6558	-3272	572	-1391	67.7	22.3	65	400
Light4	2022-05-25 00:10		12.2	5.03	21.27	15954	487	6442	-3290	587	-1354	68.3	21.7	65	291
Light4	2022-05-25 00:10		12.2	5.03	21.27	16615	534	3411	-3605	553	-707	79.2	10.8	74	393
Light4	2022-05-25 00:10		12.2	5.03	21.5	17026	903	221	-3794	442	-129	86.6	3.4	105	332
Light4	2022-05-25 00:10		12.2	5.03	21.5	16848	758	533	-3793	457	-99	87.2	2.8	99	399
Light4	2022-05-25 00:10		12.2	5.03	21.59	1970	-202	17130	-188	1023	-2992	5.4	84.6	65	436
Light4	2022-05-25 00:10		12.2	5.03	21.59	4023	343	16523	-555	962	-2994	12.5	77.5	64	476
Light4	2022-05-25 00:10		12.2	5.03	21.72	6024	89	15730	-1007	913	-2929	19.8	70.2	61	396
Light4	2022-05-25 00:10		12.2	5.03	21.72	10113	229	13678	-1906	818	-2615	35.6	54.4	60	512
Light4	2022-05-25 00:10		12.2	5.03	21.02	11136	422	13260	-2102	797	-2499	39.2	50.8	62	398
Light4	2022-05-25 00:10		12.2	5.03	21.02	12587	268	11470	-2492	775	-2211	47.1	42.9	62	319
Light4	2022-05-25 00:10		12.2	5.03	21.02	13835	385	10076	-2679	763	-2054	53.6	36.4	59	388
Light4	2022-05-25 00:10		12.2	5.03	21.06	14296	622	9096	-2903	702	-1838	57.3	32.7	64	324
Light4	2022-05-25 00:10		12.2	5.03	21.06	14324	646	9154	-2945	678	-1794	57.2	32.8	66	495

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light4	2022-05-25 00:10	11.9	5.03	21.18	4328	229	16579	-915	960	-2929	13.5	76.5	75	311	
Light4	2022-05-25 00:10	11.9	5.03	21.18	4848	289	16173	-996	968	-2928	15.5	74.5	73	492	
Light4	2022-05-25 00:10	11.9	5.03	21.21	4903	350	16021	-1078	1000	-2883	15.9	74.1	76	554	
Light4	2022-05-25 00:10	11.9	5.03	21.21	8225	774	14667	-1586	914	-2747	28.2	61.8	68	599	
Light4	2022-05-25 00:10	11.9	5.03	20.99	9453	185	14041	-1986	951	-2517	33	57.0	72	411	
Light4	2022-05-25 00:11	11.9	5.03	21.07	13176	-34	10933	-2822	935	-1813	49.9	40.1	76	454	
Light4	2022-05-25 00:11	11.9	5.04	21.07	15101	42	8094	-3197	899	-1310	61.9	28.1	75	205	
Light4	2022-05-25 00:11	11.9	5.01	21.22	15212	45	7765	-3237	880	-1251	63.1	26.9	75	345	
Light4	2022-05-25 00:11	11.9	5.03	21.22	16274	186	5149	-3508	842	-679	73.1	16.9	79	386	
Light4	2022-05-25 00:11	11.6	5.03	21.46	16457	38	4238	-3558	859	-518	76.4	13.6	78	237	
Light4	2022-05-25 00:11	11.6	5.03	21.52	17165	360	238	-3734	781	284	88.4	1.6	210	384	
Light4	2022-05-25 00:11	11.6	5.03	21.52	16883	300	141	-3741	777	319	88.4	1.6	242	276	
Light4	2022-05-25 00:11	11.6	5.03	21.45	3755	422	16604	-1091	1023	-2882	11.6	78.4	88	478	
Light4	2022-05-25 00:11	11.6	5.03	21.45	4113	195	16938	-1191	1013	-2845	12.5	77.5	89	507	
Light4	2022-05-25 00:11	11.6	5.03	21.45	8338	64	14972	-1984	1024	-2482	28.1	61.9	85	423	
Light4	2022-05-25 00:11	11.6	5.03	21.17	8532	-24	14551	-2062	1047	-2434	29.4	60.6	85	482	
Light4	2022-05-25 00:11	11.6	5.03	21.17	10621	-22	13074	-2366	1020	-2218	38.3	51.7	79	503	
Light4	2022-05-25 00:11	11.6	5.03	21.17	11387	90	12669	-2625	977	-1997	41.2	48.8	85	365	
Light4	2022-05-25 00:11	11.6	5.03	20.92	12808	105	10776	-2827	962	-1777	49.5	40.5	78	574	
Light4	2022-05-25 00:11	11.6	5.03	20.92	12988	79	11178	-2948	954	-1636	48.8	41.2	85	388	
Light4	2022-05-25 00:11	11.6	5.03	20.92	13782	-10	10308	-3115	954	-1402	52.9	37.1	86	202	
Light4	2022-05-25 00:11	11.6	5.03	21.03	13998	32	9639	-3158	943	-1337	55.3	34.7	84	318	
Light4	2022-05-25 00:11	11.6	5.03	21.03	15020	-35	8196	-3330	955	-997	61.5	28.5	84	342	
Light4	2022-05-25 00:11	11.6	5.03	21.22	14994	4	8672	-3354	938	-973	59.9	30.1	87	321	
Light4	2022-05-25 00:11	11.6	5.03	21.22	15810	-94	6746	-3519	917	-560	67.2	22.8	86	273	
Light4	2022-05-25 00:11	11.6	5.03	21.36	16040	161	6330	-3544	885	-538	68.9	21.1	85	452	
Light4	2022-05-25 00:11	11.6	5.03	21.36	16475	323	4124	-3656	862	-86	76.7	13.3	86	466	
Light4	2022-05-25 00:11	11.6	5.03	21.36	16483	155	4034	-3654	867	-64	77.1	12.9	86	458	
Light4	2022-05-25 00:11	11.6	5.03	21.49	16657	90	3825	-3649	902	-15	78	12.0	86	362	
Light4	2022-05-25 00:11	11.6	5.03	21.49	16636	87	2111	-3710	850	337	84	6.0	88	427	
Light4	2022-05-25 00:11	11.6	5.03	21.49	16938	216	1276	-3713	863	515	86.9	3.1	93	510	
Light4	2022-05-25 00:11	11.6	5.03	21.5	2363	145	16863	-1133	1034	-2862	6.8	83.2	102	537	
Light4	2022-05-25 00:11	11.6	5.03	21.5	3153	96	16794	-1229	1024	-2833	9.4	80.6	100	371	
Light4	2022-05-25 00:11	11.6	5.03	21.5	7048	199	15374	-1872	946	-2583	23.6	66.4	91	549	
Light4	2022-05-25 00:11	11.6	5.03	21.79	8246	45	15028	-2230	959	-2343	27.7	62.3	97	301	
Light4	2022-05-25 00:11	11.6	5.03	21.79	10431	-61	13492	-2602	949	-2021	36.9	53.1	93	202	
Light4	2022-05-25 00:11	11.6	5.03	21.79	10898	61	12948	-2733	954	-1886	39.3	50.7	94	335	
Light4	2022-05-25 00:11	11.6	5.03	20.95	12270	13	11937	-2874	938	-1738	45.2	44.8	88	330	
Light4	2022-05-25 00:11	11.6	5.03	20.95	13284	-160	10807	-3140	962	-1369	50.5	39.5	91	352	
Light4	2022-05-25 00:11	11.6	5.03	21.04	13323	-55	10576	-3159	967	-1318	51.2	38.8	91	507	
Light4	2022-05-25 00:11	11.6	5.03	21.04	14968	-148	8351	-3472	936	-698	60.9	29.1	91	501	
Light4	2022-05-25 00:11	11.2	5.03	21.23	15339	-420	7965	-3472	942	-672	62.7	27.3	89	396	
Light4	2022-05-25 00:11	11.2	5.03	21.23	16231	158	4899	-3669	852	-68	73.9	16.1	88	481	
Light4	2022-05-25 00:11	11.2	5.03	21.23	16213	54	5171	-3675	839	-86	73	17.0	88	452	
Light4	2022-05-25 00:11	11.2	5.03	21.44	16961	338	1606	-3740	768	757	85.7	4.3	96	207	
Light4	2022-05-25 00:12	11.2	5.03	21.44	16645	403	855	-3726	811	822	87.8	2.2	113	333	
Light4	2022-05-25 00:12	11.2	5.03	21.55	2941	-39	16734	-1557	934	-2752	8.8	81.2	117	317	
Light4	2022-05-25 00:12	11.2	5.03	21.55	2558	215	16886	-1385	882	-2836	7.4	82.6	113	256	
Light4	2022-05-25 00:12	11.2	5.03	21.41	7050	304	15640	-2286	799	-2381	23.2	66.8	113	292	
Light4	2022-05-25 00:12	11.2	5.03	21.41	7132	126	15525	-2280	823	-2373	23.6	66.4	112	343	
Light4	2022-05-25 00:12	11.2	5.03	20.88	7891	227	15470	-2463	787	-2243	26	64.0	114	348	
Light4	2022-05-25 00:12	11.2	5.03	20.88	10931	365	13017	-2973	749	-1725	39.2	50.8	106	319	
Light4	2022-05-25 00:12	11.2	5.03	20.98	10948	224	13458	-2983	764	-1712	38.3	51.7	109	348	
Light4	2022-05-25 00:12	11.2	5.03	21.06	13138	148	11076	-3375	756	-1108	49.4	40.6	104	289	
Light4	2022-05-25 00:12	11.2	5.03	21.06	13128	395	11047	-3366	735	-1126	49.4	40.6	103	290	
Light4	2022-05-25 00:12	11.2	5.03	21.06	13262	181	10839	-3374	726	-1128	50.3	39.7	103	205	
Light4	2022-05-25 00:12	11.2	5.03	21.2	13787	-102	10120	-3423	783	-956	53.5	36.5	100	325	
Light4	2022-05-25 00:12	11.2	5.03	21.2	15448	191	7377	-3665	704	-320	64.7	25.3	94	416	
Light4	2022-05-25 00:12	11.2	5.03	21.28	15492	232	7498	-3683	701	-295	64.4	25.6	95	490	
Light4	2022-05-25 00:12	11.2	5.03	21.28	15295	189	7772	-3667	714	-312	63.2	26.8	96	439	
Light4	2022-05-25 00:12	11.2	5.03	21.28	15386	84	7584	-3664	708	-326	63.9	26.1	95	340	
Light4	2022-05-25 00:12	11.2	5.03	21.39	16061	562	5767	-3791	646	248	70.6	19.4	91	598	
Light4	2022-05-25 00:12	11.2	5.03	21.39	16290	222	5107	-3768	693	247	73.2	16.8	90	341	
Light4	2022-05-25 00:12	11.2	5.03	21.39	16081	235	5127	-3776	696	320	73	17.0	91	234	
Light4	2022-05-25 00:12	10.9	5.03	21.5	16774	536	1801	-3778	634	939	84.7	5.3	99	330	
Light4	2022-05-25 00:12	10.9	5.01	21.5	16850	510	1543	-3775	635	965	85.6	4.4	102	313	
Light4	2022-05-25 00:12	10.9	5.03	21.58	2630	-422	16696	-1598	864	-2755	7.7	82.3	125	505	
Light4	2022-05-25 00:12	10.9	5.03	21.58	2800	-405	16776	-1640	854	-2739	8.3	81.7	125	332	
Light4	2022-05-25 00:12	10.9	5.03	21.58	6226	-575	16490	-2216	795	-2437	19.5	70.5	123	432	
Light4	2022-05-25 00:12	10.9	5.03	21.56	8535	-455	15068	-2692	756	-2045	28.5	61.5	122	234	
Light4	2022-05-25 00:12	10.9	5.03	20.94	8940	-793	14524	-2784	824	-1911	30.6	59.4	120	468	
Light4	2022-05-25 00:12	10.9	5.03	20.94	12241	-368	11930	-3325	726	-1237	45.2	44.8	112	325	
Light4	2022-05-25 00:12	10.9	5.03	21.04	12238	-586	11912	-3312	742	-1235	45.2	44.8	112	260	
Light4	2022-05-25 00:12	10.9	5.03	21.04	12101	-736	12107	-3299	752	-1243	44.4	45.6	114	261	
Light4	2022-05-25 00:12	10.9	5.03	21.04	12743	-442	11812	-3380	704	-1126	46.6	43.4	112	401	
Light4	2022-05-25 00:12	10.9	5.03	21.15	13691	-242	10331	-3532	652	-814	52.7	37.3	108	435	
Light4	2022-05-25 00:12	10.9	5.03	21.26	14076	-240	9644	-3616	612	-617	55.4	34.6	107	458	
Light4	2022-05-25 00:12	10.9	5.03	21.26	15719	93	7020	-3798	543	34	66.2	23.8	97	460	
Light4	2022-05-25 00:12	10.9	5.03	21.26	15420	-31	7323	-3757	613	-40	64.8	25.2	97	290	
Light4	2022-05-25 00:12	10.9	5.03	21.26	15470	-125	7447	-3773	601	-30	64.5	25.5	98	213	
Light4	2022-05-25 00:12	10.9	5.01	21.4	15814	14	6144	-3780	595	79	69.2	20.8	94	445	
Light4	2022-05-25 00:12	10.9	5.01	21.4	16410	-137	5761	-3817	592	471	71.2	18.8	91	533	
Light4	2022-05-25 00:12														

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light4	2022-05-25 00:13	10.9	5.03	21.61	4827	-62	16357	-2333	456	-2460	15.3	74.7	145	152	
Light4	2022-05-25 00:13	10.9	5.03	21.61	6513	-48	15607	-2539	441	-2294	21.6	68.4	141	335	
Light4	2022-05-25 00:13	10.6	5.03	21.82	8269	-14	14910	-2875	411	-1995	28	62.0	140	561	
Light4	2022-05-25 00:13	10.6	5.03	21.05	10963	72	12869	-3334	362	-1418	39.7	50.3	135	347	
Light4	2022-05-25 00:13	10.6	5.03	21.05	11184	65	12928	-3345	350	-1407	40.1	49.9	135	441	
Light4	2022-05-25 00:13	10.6	5.03	21.05	11233	-19	12840	-3381	352	-1347	40.5	49.5	136	299	
Light4	2022-05-25 00:13	10.6	5.03	21.14	11512	135	12604	-3411	321	-1290	41.7	48.3	135	296	
Light4	2022-05-25 00:13	10.6	5.03	21.22	13498	-54	10849	-3684	317	-690	50.8	39.2	128	370	
Light4	2022-05-25 00:13	10.6	5.03	21.29	14110	-328	9532	-3727	409	-507	55.8	34.2	117	568	
Light4	2022-05-25 00:13	10.6	5.03	21.29	14412	-606	9543	-3760	416	-346	56.3	33.7	117	575	
Light4	2022-05-25 00:13	10.6	5.03	21.35	15853	-229	7029	-3882	348	251	66.4	23.6	99	490	
Light4	2022-05-25 00:13	10.6	5.03	21.35	15751	-382	6871	-3877	359	267	66.8	23.2	99	312	
Light4	2022-05-25 00:13	10.6	5.03	21.46	16454	-276	4596	-3891	346	755	75.2	14.8	89	551	
Light4	2022-05-25 00:13	10.6	5.03	21.46	16311	244	5087	-3901	289	783	73.3	16.7	86	573	
Light4	2022-05-25 00:13	10.6	5.03	21.46	16932	149	1329	-3797	258	1446	86.8	3.2	128	594	
Light4	2022-05-25 00:13	10.6	5.03	21.46	16780	163	1635	-3814	259	1421	85.7	4.3	120	383	
Light4	2022-05-25 00:13	10.6	5.03	21.53	1731	-530	17192	-1848	312	-2786	4.6	85.4	161	497	
Light4	2022-05-25 00:13	10.6	5.03	21.53	1664	-473	16575	-1824	323	-2794	4.5	85.5	160	498	
Light4	2022-05-25 00:13	10.6	5.03	21.53	3421	-655	17012	-2036	294	-2677	10.2	79.8	160	432	
Light4	2022-05-25 00:13	10.6	5.03	22.21	5188	-369	17418	31584	4442	376	15.9	74.1	86	407	
Light4	2022-05-25 00:13	10.6	5.03	22.21	5095	-437	16656	-2476	288	-2384	15.8	74.2	159	437	
Light4	2022-05-25 00:13	10.3	5.03	22.21	7935	-330	15153	-2922	231	-1993	26.6	63.4	157	460	
Light4	2022-05-25 00:13	10.3	5.03	21.33	8245	-30	15332	-3008	211	-1907	27.2	62.8	156	190	
Light4	2022-05-25 00:13	10.3	5.03	21.33	10495	118	13422	-3304	147	-1533	37.2	52.8	152	504	
Light4	2022-05-25 00:13	10.3	5.03	21.33	11042	-65	13265	-3432	180	-1312	39	51.0	152	243	
Light4	2022-05-25 00:13	10.3	5.03	21.1	11172	-208	12881	-3453	194	-1267	40.2	49.8	151	267	
Light4	2022-05-25 00:13	10.3	5.03	21.18	13597	-399	10330	-3739	201	-595	52.5	37.5	138	417	
Light4	2022-05-25 00:13	10.3	5.03	21.18	13279	-784	10952	-3715	269	-659	50	40.0	140	590	
Light4	2022-05-25 00:13	10.3	5.03	21.31	14748	-240	8062	-3882	171	-57	61.5	28.5	120	535	
Light4	2022-05-25 00:13	10.3	5.03	21.4	14694	-269	8217	-3893	131	-55	60.9	29.1	126	383	
Light4	2022-05-25 00:14	10.3	5.03	21.4	15766	569	6937	-3971	-19	378	66.4	23.6	113	391	
Light4	2022-05-25 00:14	10.3	5.03	21.45	16629	52	3667	-3923	71	1094	78.5	11.5	84	520	
Light4	2022-05-25 00:14	10.3	5.03	21.45	17001	142	2085	-3888	86	1254	84.2	5.8	110	433	
Light4	2022-05-25 00:14	10.3	5.03	21.45	16905	387	1757	-3811	83	1589	85.1	4.9	197	400	
Light4	2022-05-25 00:14	10.3	5.01	21.55	16884	395	1389	-3820	44	1570	86.3	3.7	225	134	
Light4	2022-05-25 00:14	10.3	5.03	21.55	776	608	17106	-1721	-217	-2876	1.4	88.6	177	524	
Light4	2022-05-25 00:14	10.3	5.03	21.55	250	429	17177	-1685	-180	-2893	-0.4	90.4	177	299	
Light4	2022-05-25 00:14	10.3	5.03	22.03	7620	-138	15343	-2955	-130	-2028	25.4	64.6	180	312	
Light4	2022-05-25 00:14	10.3	5.03	22.03	7695	245	15626	-3042	-222	-1936	25.1	64.9	182	445	
Light4	2022-05-25 00:14	10.3	5.03	21.07	11407	-162	12749	-3554	-216	-1202	41.1	48.9	188	366	
Light4	2022-05-25 00:14	10.3	5.03	21.07	11455	-140	12810	-3576	-216	-1174	41.1	48.9	187	240	
Light4	2022-05-25 00:14	10.3	5.03	21.07	11508	-87	12386	-3588	-225	-1139	42.2	47.8	188	312	
Light4	2022-05-25 00:14	10.3	5.03	21.18	12382	167	11734	-3717	-246	-856	46	44.0	188	231	
Light4	2022-05-25 00:14	10.3	5.03	21.18	13898	118	10132	-3872	-297	-403	53.6	36.4	201	174	
Light4	2022-05-25 00:14	10.3	5.03	21.18	13825	122	9820	-3885	-286	-387	54.4	35.6	200	339	
Light4	2022-05-25 00:14	10.3	5.03	21.33	14367	124	9784	-3901	-290	-316	55.5	34.5	202	498	
Light4	2022-05-25 00:14	10.3	5.03	21.33	14646	-362	8676	-3935	-214	-126	59.4	30.6	201	486	
Light4	2022-05-25 00:14	10.3	5.03	21.33	15794	-86	6446	-4006	-251	456	68.2	21.8	245	328	
Light4	2022-05-25 00:14	10.3	5.03	21.42	15526	-13	7022	-4004	-248	406	66	24.0	234	291	
Light4	2022-05-25 00:14	9.9	5.03	21.41	15827	-434	6501	-4012	-260	427	68.1	21.9	246	348	
Light4	2022-05-25 00:14	9.9	5.03	21.46	16486	39	3989	-3958	-277	1118	77.3	12.7	285	465	
Light4	2022-05-25 00:14	9.9	5.03	21.46	16406	257	3353	-3955	-292	1163	79.4	10.6	273	540	
Light4	2022-05-25 00:14	9.9	5.03	21.52	16743	465	888	-3805	-301	1744	87.6	2.4	259	487	
Light4	2022-05-25 00:14	9.9	5.03	21.57	1104	-380	17068	-1749	-299	-2863	2.5	87.5	191	410	
Light4	2022-05-25 00:14	9.9	5.03	21.57	4677	-681	16688	-2486	-336	-2430	14.5	75.5	196	280	
Light4	2022-05-25 00:14	9.9	5.03	21.57	5002	-393	16294	-2518	-376	-2420	15.9	74.1	197	194	
Light4	2022-05-25 00:14	9.9	5.03	21.97	6009	-482	16163	-2688	-378	-2271	19.3	70.7	198	482	
Light4	2022-05-25 00:14	9.9	5.03	21.97	8638	-300	14546	-3147	-426	-1834	29.7	60.3	202	470	
Light4	2022-05-25 00:14	9.9	5.03	21.97	9313	-139	14136	-3216	-440	-1745	32.5	57.5	203	539	
Light4	2022-05-25 00:14	9.9	5.03	21.08	11544	-127	12769	-3576	-471	-1193	41.4	48.6	210	265	
Light4	2022-05-25 00:14	9.9	5.03	21.08	11529	-230	12905	-3584	-470	-1170	41.1	48.9	210	193	
Light4	2022-05-25 00:14	9.9	5.03	21.19	13265	-177	10634	-3753	-473	-791	50.9	39.1	222	455	
Light4	2022-05-25 00:14	9.9	5.03	21.19	13143	-175	10846	-3797	-475	-692	50.1	39.9	220	479	
Light4	2022-05-25 00:14	9.9	5.03	21.19	14364	69	8914	-3909	-529	-307	58.1	31.9	236	413	
Light4	2022-05-25 00:14	9.9	5.03	21.19	14498	-133	9002	-3936	-488	-189	58.1	31.9	236	348	
Light4	2022-05-25 00:14	9.9	5.03	21.33	15785	33	6439	-4019	-560	429	68.2	21.8	264	290	
Light4	2022-05-25 00:14	9.9	5.03	21.33	15788	146	6259	-4020	-562	466	68.8	21.2	265	402	
Light4	2022-05-25 00:14	9.9	5.01	21.33	16709	380	3456	-3986	-586	1044	79.2	10.8	270	438	
Light4	2022-05-25 00:15	9.9	5.03	21.45	17428	342	2366	-3899	-622	1480	83.1	6.9	259	490	
Light4	2022-05-25 00:15	9.6	5.03	21.45	16943	263	23	-3768	-600	1898	88.2	1.8	319	335	
Light4	2022-05-25 00:15	9.6	5.03	21.45	16775	230	-265	-3762	-589	1912	87.3	2.7	353	237	
Light4	2022-05-25 00:15	9.6	5.03	21.56	382	-8	16706	-1666	-697	-2854	0.1	89.9	205	357	
Light4	2022-05-25 00:15	9.6	5.03	21.56	286	-55	17491	-1477	-734	-2906	-0.3	90.3	210	504	
Light4	2022-05-25 00:15	9.6	5.03	21.56	6410	-88	15581	-2615	-780	-2299	21.3	68.7	219	413	
Light4	2022-05-25 00:15	9.6	5.03	21.56	6551	-180	15993	-2682	-776	-2254	21.2	68.8	218	196	
Light4	2022-05-25 00:15	9.6	5.03	21.87	9872	-30	13054	-3100	-843	-1835	36.3	53.7	236	569	
Light4	2022-05-25 00:15	9.6	5.03	21.87	10515	-243	13329	-3301	-810	-1600	37.5	52.5	232	385	
Light4	2022-05-25 00:15	9.6	5.03	21.87	10573	-368	17674	-16299	4488	370	31.1	58.9	91	240	
Light4	2022-05-25 00:15	9.6	5.03	21.17	12046	-314	11990	-3532	-807	-1217	44.6	45.4	238	307	
Light4	2022-05-25 00:15	9.6	5.03	21.17	12803	-224	11326	-3670	-830	-950	48	42.0			

ID	Local Date & Time	Temperature	MSAS						Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration
			Voltage	(mag/arcsec^2)	Ax	Ay	Az								
Light4	2022-05-25 00:15	9.6	5.03	21.37	16346	216	4488	-3997	-914	663	75.4	14.6	270	502	
Light4	2022-05-25 00:15	9.6	5.03	21.37	16556	361	3185	-3966	-940	1065	80	10.0	268	302	
Light4	2022-05-25 00:15	9.6	5.03	21.49	16448	550	3226	-3960	-982	1048	79.7	10.3	268	270	
Light4	2022-05-25 00:15	9.6	5.03	21.49	3267	38	16462	-1823	-1030	-2723	10	80.0	231	339	
Light4	2022-05-25 00:15	9.6	5.03	21.49	3248	177	17125	-1836	-1035	-2696	9.7	80.3	229	348	
Light4	2022-05-25 00:15	9.6	5.03	21.8	6686	-109	15844	-2471	-1020	-2346	21.8	68.2	235	392	
Light4	2022-05-25 00:15	9.6	5.03	21.8	8554	-270	14633	-2860	-1029	-2030	29.3	60.7	238	437	
Light4	2022-05-25 00:15	9.6	5.03	21.25	11808	-120	12207	-3374	-1078	-1406	43.4	46.6	249	369	
Light4	2022-05-25 00:15	9.6	5.03	21.25	12326	-372	11944	-3426	-1050	-1344	45.3	44.7	251	301	
Light4	2022-05-25 00:15	9.6	5.03	21.25	14240	-402	9344	-3723	-1022	-741	56.6	33.4	259	416	
Light4	2022-05-25 00:15	9.6	5.03	21.37	15468	189	7765	-3848	-1128	-289	63.5	26.5	265	486	
Light4	2022-05-25 00:15	9.6	5.03	21.37	16040	-182	5949	-3951	-1122	262	70.2	19.8	269	389	
Light4	2022-05-25 00:15	9.3	5.03	21.46	16708	377	2170	-3931	-1905	368	83.6	6.4	278	45	
Light4	2022-05-25 00:15	9.3	5.03	21.86	351	-59	16857	-1033	-1037	-2941	0	90.0	237	227	
Light4	2022-05-25 00:15	9.3	5.03	21.86	6091	156	15510	-2120	-1183	-2529	20.3	69.7	248	558	
Light4	2022-05-25 00:15	9.3	5.03	21.86	9602	78	13790	-2792	-1211	-2037	34	56.0	254	264	
Light4	2022-05-25 00:15	9.3	5.03	21.86	10360	11	13461	-2987	-1190	-1862	36.8	53.2	252	364	
Light4	2022-05-25 00:15	9.3	5.03	21.65	12748	-412	11389	-3401	-1169	-1340	47.7	42.3	259	417	
Light4	2022-05-25 00:15	9.3	5.03	21.65	12921	-143	11142	-3430	-1195	-1281	48.8	41.2	259	482	
Light4	2022-05-25 00:15	9.3	5.03	21.27	15328	5	7564	-3782	-1239	-469	63.9	26.1	268	396	
Light4	2022-05-25 00:15	9.3	5.03	21.27	15128	-101	7802	-3768	-1244	-518	62.9	27.1	268	381	
Light4	2022-05-25 00:16	9.3	5.03	21.27	15743	-209	7067	-3835	-1238	-299	66.1	23.9	269	490	
Light4	2022-05-25 00:16	9.3	5.03	21.44	16194	-135	5231	-3915	-1242	109	72.8	17.2	271	181	
Light4	2022-05-25 00:16	9.3	5.03	21.44	16462	169	3527	-3940	-1240	463	78.9	11.1	271	561	
Light4	2022-05-25 00:16	9.3	5.03	21.44	16678	113	2558	-3941	-1284	678	82.4	7.6	270	267	
Light4	2022-05-25 00:16	9.3	5.03	21.44	16767	219	4156	-3933	-1291	690	76.9	13.1	270	491	
Light4	2022-05-25 00:16	9.3	5.03	21.53	16941	168	409	-3884	-1304	1144	89.2	0.8	322	327	
Light4	2022-05-25 00:16	9.3	5.03	21.53	1054	-427	17140	-886	-1107	-2936	2.3	87.7	254	396	
Light4	2022-05-25 00:16	9.3	5.03	21.99	1061	-303	16970	-887	-1097	-2935	2.4	87.6	253	427	
Light4	2022-05-25 00:16	9.3	5.03	21.99	6747	360	15394	-2036	-1269	-2543	22.6	67.4	258	266	
Light4	2022-05-25 00:16	9.3	5.03	21.99	6765	-193	15806	-2084	-1206	-2538	22.1	67.9	255	531	
Light4	2022-05-25 00:16	9.3	5.03	21.65	10869	-386	13069	-2856	-1199	-1986	39	51.0	263	305	
Light4	2022-05-25 00:16	9.3	5.03	21.65	10730	-667	13344	-2858	-1179	-1988	38	52.0	261	521	
Light4	2022-05-25 00:16	9.3	5.03	21.65	12867	-510	10941	-3139	-1207	-1680	49.2	40.8	272	370	
Light4	2022-05-25 00:16	9.3	5.03	21.22	13288	-511	10758	-3328	-1238	-1437	50.6	39.4	267	392	
Light4	2022-05-25 00:16	9.3	5.03	21.22	14494	-542	9220	-3506	-1240	-1127	57.4	32.6	270	313	
Light4	2022-05-25 00:16	9.3	5.03	21.22	15623	-557	6671	-3739	-1219	-612	67.2	22.8	272	197	
Light4	2022-05-25 00:16	9.3	5.03	21.37	15881	-495	6041	-3801	-1258	-380	69.6	20.4	272	323	
Light4	2022-05-25 00:16	9.3	5.03	21.37	16634	-225	3822	-3903	-1292	111	78	12.0	273	346	
Light4	2022-05-25 00:16	9	5.01	21.37	16509	97	2355	-3903	-1334	257	83.1	6.9	275	176	
Light4	2022-05-25 00:16	9	5.03	21.37	16717	15	715	-3906	-1389	827	89	1.0	271	348	
Light4	2022-05-25 00:16	9	5.03	21.53	-564	-338	17175	-212	-1062	-2959	-3.2	93.2	271	377	
Light4	2022-05-25 00:16	9	5.03	21.53	4994	-368	16147	-1357	-1150	-2838	16	74.0	273	495	
Light4	2022-05-25 00:16	9	5.03	21.53	9616	-123	14154	-2309	-1228	-2396	33.3	56.7	275	280	
Light4	2022-05-25 00:16	9	5.03	22.03	11019	-106	13050	-2525	-1253	-2244	39.4	50.6	280	434	
Light4	2022-05-25 00:16	9	5.03	22.03	13306	-249	11056	-3071	-1281	-1730	49.9	40.1	276	409	
Light4	2022-05-25 00:16	9	5.03	22.03	14966	-91	-1964	5808	4522	366	80.3	9.7	267	372	
Light4	2022-05-25 00:16	9	5.03	21.33	15355	44	7518	-3512	-1295	-1084	64.1	25.9	280	295	
Light4	2022-05-25 00:16	9	5.03	21.33	16549	44	3931	-3791	-1336	-364	77.5	12.5	280	345	
Light4	2022-05-25 00:16	9	5.03	21.33	16927	-91	177	-3930	-1292	319	89	1.0	97	303	
Light4	2022-05-25 00:16	9	5.03	21.52	733	218	16985	-67	-985	-2975	1.3	88.7	298	391	
Light4	2022-05-25 00:16	9	5.03	21.52	909	269	17040	-87	-1031	-2961	1.9	88.1	298	484	
Light4	2022-05-25 00:16	9	5.03	21.52	8478	458	14720	-1656	-1123	-2755	28.9	61.1	300	413	
Light4	2022-05-25 00:16	9	5.03	21.52	8755	108	14691	-1750	-1102	-2718	29.8	60.2	296	397	
Light4	2022-05-25 00:16	9	5.03	21.52	13292	293	9880	-2445	-1080	-2351	53.1	36.9	318	538	
Light4	2022-05-25 00:16	9	5.03	22.18	13994	487	9497	-2940	-1190	-1907	55.6	34.4	299	547	
Light4	2022-05-25 00:16	9	5.03	22.18	14912	304	8163	-3224	-1215	-1577	61.4	28.6	293	235	
Light4	2022-05-25 00:16	9	5.03	22.18	15458	420	6936	-3325	-1207	-1440	66.1	23.9	298	332	
Light4	2022-05-25 00:16	9	5.03	21.4	16133	-146	5529	-3566	-1143	-1061	71.7	18.3	288	458	
Light4	2022-05-25 00:16	9	5.03	21.4	16833	-2	2298	-3827	-1170	-381	83.4	6.6	285	399	
Light4	2022-05-25 00:17	9	5.03	21.5	16831	23	639	-3915	-1118	-59	89.3	0.7	292	456	
Light4	2022-05-25 00:17	9	5.03	21.5	326	-268	17110	334	-649	-2986	-0.1	90.1	323	447	
Light4	2022-05-25 00:17	9	5.03	21.5	4818	-293	16353	-458	-683	-3079	15.3	74.7	325	376	
Light4	2022-05-25 00:17	9	5.03	22.14	11839	-413	12689	-2194	-758	-2594	42.3	47.7	314	284	
Light4	2022-05-25 00:17	9	5.03	22.14	14077	-210	9754	-2794	-787	-2161	55.1	34.9	313	321	
Light4	2022-05-25 00:17	9	5.03	21.44	15989	15	6088	-3394	-834	-1453	69.6	20.4	307	227	
Light4	2022-05-25 00:17	9	5.03	21.44	16724	299	2482	-3738	-918	-764	82.6	7.4	308	447	
Light4	2022-05-25 00:17	8.7	5.03	21.49	3438	-164	16850	-136	-331	-3118	10.3	79.7	347	561	
Light4	2022-05-25 00:17	8.7	5.03	21.49	8328	-281	15038	-1216	-347	-3046	28	62.0	343	421	
Light4	2022-05-25 00:17	8.7	5.03	21.49	13159	-152	10255	-2304	-471	-2557	51.8	38.2	341	346	
Light4	2022-05-25 00:17	8.7	5.03	21.67	15850	300	6644	-3195	-560	-1770	67.6	22.4	337	343	
Light4	2022-05-25 00:17	8.7	5.03	21.67	16352	228	4981	-3527	-613	-1278	73.7	16.3	323	351	
Light4	2022-05-25 00:17	8.7	5.03	21.67	16479	348	1769	-3789	-632	-706	85	5.0	345	493	
Light4	2022-05-25 00:17	8.7	5.03	21.67	16654	115	-737	-3944	-698	-179	85.7	4.3	102	525	
Light4	2022-05-25 00:17	8.7	5.03	21.49	16898	1795	739	-3839	-1317	-192	83.5	6.5	57	518	
Light4	2022-06-28 01:09	11.2	5.03	21.47	2425	122	17162	152	0	-3121	7	83.0	11	263	
Light4	2022-06-28 01:09	11.2	5.03	20.75	9833	1138	13705	-1501	-308	-2967	34.7	55.3	8	410	
Light4	2022-06-28 01:09	11.2	5.03	20.75	12354	937	11948	-2192	-230	-2659	45.2	44.8	12	304	
Light4	2022-06-28 01:09	11.2	5.03	21.39	14719	225	8854	-2879	-173	-2125	58.9	31.1	5	358	
Light4	2022-06-28 01:09	11.2	5.03	21.39	16115	750	6712	-3310	-312	-1634	67.5	22.5	11	297	
Light4	2022-06-28 01:09	11.2	5.03	21.39	16483	1012	3727	-3641	-322	-1081	77.6	12.4	39	306	
Light4	2022-06-28 01:09	11.2	5.03	21.39	16888	1105	892	-3831	-322	-611	85.7	4.3	81	327	
Light4	2022-06-28 01:09	11.2	5.03												

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light4	2022-06-28 01:09	11.2	5.03	21.7	14768	1162	8397	-2891	26	-2085	60.1	29.9	38	588	
Light4	2022-06-28 01:09	11.2	5.03	21.36	15916	1513	6056	-3339	-26	-1570	68.9	21.1	53	497	
Light4	2022-06-28 01:09	11.2	5.03	21.36	16861	1047	3015	-3501	54	-1281	80.1	9.9	57	399	
Light4	2022-06-28 01:09	11.2	5.03	21.53	16764	1229	1628	-3796	31	-592	83.8	6.2	81	388	
Light4	2022-06-28 01:09	11.2	5.03	21.55	16743	1407	-899	-3924	-5	-101	83.1	6.9	97	502	
Light4	2022-06-28 01:09	11.2	5.03	22	3352	1205	16730	-345	564	-3117	10.1	79.9	56	174	
Light4	2022-06-28 01:09	11.2	5.03	21.12	10531	1780	13400	-1927	308	-2757	37	53.0	53	520	
Light4	2022-06-28 01:09	11.2	5.03	21.12	13041	2192	10365	-2514	226	-2384	50.4	39.6	55	552	
Light4	2022-06-28 01:09	11.2	5.01	21.12	13444	1554	10367	-2685	210	-2253	51.6	38.4	54	334	
Light4	2022-06-28 01:09	11.2	5.03	21.21	14861	1671	8306	-3011	191	-1929	60.2	29.8	57	433	
Light4	2022-06-28 01:09	11.2	5.03	21.21	14914	1523	8196	-3092	241	-1826	60.7	29.3	61	261	
Light4	2022-06-28 01:10	11.2	5.03	21.21	16133	1486	5096	-3477	220	-1265	72.2	17.8	68	306	
Light4	2022-06-28 01:10	11.2	5.03	21.39	16473	1254	3966	-3551	193	-1130	76.5	13.5	67	544	
Light4	2022-06-28 01:10	11.2	5.03	21.39	16795	1570	2984	-3736	214	-668	79.3	10.7	81	361	
Light4	2022-06-28 01:10	11.2	5.03	21.39	16910	864	989	-3818	279	-323	86.3	3.7	89	304	
Light4	2022-06-28 01:10	11.2	5.03	21.39	16976	1091	504	-3840	275	-227	86	4.0	95	249	
Light4	2022-06-28 01:10	11.2	5.03	21.53	15926	1928	5107	-3644	91	-948	71.5	18.5	80	440	
Light4	2022-06-28 01:10	11.2	5.03	21.53	2067	962	16788	-157	753	-3094	5.8	84.2	62	458	
Light4	2022-06-28 01:10	11.2	5.03	21.53	7193	1147	15691	-1292	606	-2959	23.5	66.5	63	358	
Light4	2022-06-28 01:10	11.2	5.03	22.02	8210	1337	15355	-1511	562	-2893	27	63.0	63	413	
Light4	2022-06-28 01:10	11.2	5.03	22.02	10815	1627	12895	-2083	444	-2644	38.9	51.1	59	495	
Light4	2022-06-28 01:10	11.2	5.03	21.17	13199	1632	10541	-2679	397	-2214	50.6	39.4	62	511	
Light4	2022-06-28 01:10	11.2	5.03	21.23	14830	1792	8363	-3152	378	-1714	59.9	30.1	71	378	
Light4	2022-06-28 01:10	11.2	5.03	21.23	15126	1550	7829	-3205	401	-1632	62.2	27.8	69	468	
Light4	2022-06-28 01:10	11.2	5.03	21.31	16236	1380	5355	-3542	375	-1075	71.6	18.4	75	338	
Light4	2022-06-28 01:10	11.2	5.03	21.39	16730	1773	2233	-3792	329	-411	80.9	9.1	87	575	
Light4	2022-06-28 01:10	11.2	5.03	21.39	16795	1357	-40	-3881	346	78	84.8	5.2	103	503	
Light4	2022-06-28 01:10	10.9	5.03	21.49	1307	1154	17007	17	856	-3056	3.2	86.8	65	399	
Light4	2022-06-28 01:10	10.9	5.01	21.49	11136	811	12863	-1980	689	-2638	40.1	49.9	54	545	
Light4	2022-06-28 01:10	10.9	5.03	21.49	13894	1350	9671	-2983	533	-1853	54.6	35.4	72	416	
Light4	2022-06-28 01:10	10.9	5.03	21.92	15301	1154	7577	-3247	508	-1505	63.5	26.5	71	374	
Light4	2022-06-28 01:10	11.2	5.03	21.36	16644	847	3478	-3678	497	-611	78.7	11.3	79	511	
Light4	2022-06-28 01:10	11.2	5.01	21.36	16857	897	137	-3835	532	180	86.5	3.5	127	467	
Light4	2022-06-28 01:10	10.9	5.03	21.52	1052	1701	17338	-402	850	-3066	2.3	87.7	84	266	
Light4	2022-06-28 01:10	10.9	5.03	21.55	2985	1195	16643	-835	816	-3023	8.9	81.1	84	216	
Light4	2022-06-28 01:10	10.9	5.03	21.55	8642	1469	14544	-1961	688	-2649	29.6	60.4	79	343	
Light4	2022-06-28 01:10	10.9	5.03	21.29	12131	1561	11773	-2765	633	-2056	45	45.0	82	375	
Light4	2022-06-28 01:10	10.9	5.03	21.29	14201	1671	9557	-3081	595	-1706	55.3	34.7	78	287	
Light4	2022-06-28 01:10	10.9	5.03	21.29	14757	1551	8489	-3332	563	-1356	59.6	30.4	83	185	
Light4	2022-06-28 01:10	10.9	5.03	21.29	15527	1569	7003	-3496	-2010	378	65.3	24.7	272	250	
Light4	2022-06-28 01:10	10.9	5.03	21.29	16023	1755	5785	-3639	501	-731	69.6	20.4	86	309	
Light4	2022-06-28 01:10	10.9	5.03	21.25	16550	1607	3106	-3792	504	-177	78.7	11.3	88	382	
Light4	2022-06-28 01:11	10.9	5.01	21.38	16294	1483	831	-3839	573	352	84.3	5.7	101	486	
Light4	2022-06-28 01:11	10.9	5.03	21.65	5255	2006	17032	-1553	674	-2853	16.1	73.9	96	399	
Light4	2022-06-28 01:11	10.9	5.03	21.5	8755	1296	14558	-2268	679	-2462	29.9	60.1	93	554	
Light4	2022-06-28 01:11	10.9	5.03	21.27	14191	1482	9790	-3312	598	-1373	54.8	35.2	90	358	
Light4	2022-06-28 01:11	10.9	5.03	21.27	16425	1453	3284	-3822	573	65	78.4	11.6	90	582	
Light4	2022-06-28 01:11	10.9	5.03	21.27	16672	1176	1978	-3846	557	287	83	7.0	92	495	
Light4	2022-06-28 01:11	10.9	5.03	21.26	2386	1459	16781	-1320	657	-2941	6.9	83.1	112	452	
Light4	2022-06-28 01:11	10.9	5.03	21.26	7037	1505	15825	-2251	583	-2501	22.7	67.3	111	516	
Light4	2022-06-28 01:11	10.9	5.03	21.78	12473	1358	11188	-3133	547	-1646	47.4	42.6	96	307	
Light4	2022-06-28 01:11	10.9	5.03	21.78	14619	1180	8822	-3543	572	-917	58.5	31.5	96	501	
Light4	2022-06-28 01:11	10.6	5.03	21.29	16178	1480	5002	-3823	541	19	72.6	17.4	91	419	
Light4	2022-06-28 01:11	10.6	5.03	21.29	16471	1737	3835	-3888	436	487	76.2	13.8	89	587	
Light4	2022-06-28 01:11	10.6	5.03	21.21	16780	1118	-1618	-3732	524	1541	81.7	8.3	275	323	
Light4	2022-06-28 01:11	10.6	5.03	21.21	16313	2023	1796	-3836	423	1134	81	9.0	241	413	
Light4	2022-06-28 01:11	10.6	5.03	21.21	2723	1035	16469	-1571	561	-2879	8.2	81.8	123	376	
Light4	2022-06-28 01:11	10.6	5.03	21.83	10020	1492	13739	-3032	394	-1856	35	55.0	121	389	
Light4	2022-06-28 01:11	10.6	5.03	21.83	13561	1830	10329	-3603	323	-950	51.8	38.2	111	588	
Light4	2022-06-28 01:11	10.6	5.03	21.35	15300	1179	7868	-3776	403	-383	62.6	27.4	101	310	
Light4	2022-06-28 01:11	10.6	5.03	21.35	16307	1244	4491	-3888	417	386	74.6	15.4	90	522	
Light4	2022-06-28 01:11	10.6	5.01	21.22	16981	866	1875	-3850	460	1032	84	6.0	104	426	
Light4	2022-06-28 01:11	10.6	5.03	21.22	16926	1249	-99	-3780	441	1421	85.1	4.9	267	460	
Light4	2022-06-28 01:11	10.6	5.03	21.47	3296	333	17035	-1906	551	-2717	9.9	80.1	136	558	
Light4	2022-06-28 01:11	10.6	5.03	22.08	9263	1003	14239	-2972	378	-1934	32	58.0	128	265	
Light4	2022-06-28 01:11	10.6	5.03	22.08	13207	1120	11440	-3608	320	-950	48.4	41.6	121	330	
Light4	2022-06-28 01:12	10.6	5.03	21.22	15353	1319	7217	-3858	287	-145	64.6	25.4	102	440	
Light4	2022-06-28 01:12	10.6	5.03	21.27	16531	854	3627	-3908	340	761	78.1	11.9	88	576	
Light4	2022-06-28 01:12	10.3	5.03	21.36	16801	796	882	-3792	342	1507	86.6	3.4	249	366	
Light4	2022-06-28 01:12	10.3	5.03	21.36	16787	836	1717	-3850	311	1293	84.5	5.5	172	482	
Light4	2022-06-28 01:12	10.6	5.03	21.61	2836	1425	16808	-2009	167	-2740	8.3	81.7	148	561	
Light4	2022-06-28 01:12	10.6	5.03	21.61	3710	912	17209	-2164	205	-2631	11.2	78.8	151	506	
Light4	2022-06-28 01:12	10.6	5.03	21.69	9520	860	13913	-3163	120	-1780	33.4	56.6	147	585	
Light4	2022-06-28 01:12	10.6	5.03	21.15	12911	1329	11511	-3709	30	-839	47.5	42.5	142	383	
Light4	2022-06-28 01:12	10.6	5.01	21.15	13873	926	9748	-3792	79	-586	54.5	35.5	132	286	
Light4	2022-06-28 01:12	10.3	5.03	21.15	16159	882	5891	-3972	90	502	70.2	19.8	93	437	
Light4	2022-06-28 01:12	10.3	5.03	21.26	16633	515	3146	-3927	133	1100	80.1	9.9	89	484	
Light4	2022-06-28 01:12	10.3	5.03	21.26	16814	716	1519	-3825	120	1535	85.3	4.7	238	253	
Light4	2022-06-28 01:12	10.3	5.01	21.26	16905	919	975	-3812	108	1626	86.1	3.9	257	281	
Light4	2022-06-28 01:12	10.3	5.04	21.43	3637	828	16228	-2154	-10	-2676	11.4	78.6	162	504	
Light4	2022-06-28 01:12	10.3	5.01	21.43	6885	954	15299	-2785	-88	-2208	23.1	66.9	164	386	
Light4	2022-06-28 01:12	10.3	5.03	21.76	10287	889	14003	-3363	-101	-1551	35.3	54.7</			

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light4	2022-06-28 01:12	10.3	5.03	21.38	2259	570	17036	-2007	-219	-2762	6.4	83.6	177	304	
Light4	2022-06-28 01:12	10.3	5.03	21.38	6990	1192	15882	-2840	-267	-2177	22.6	67.4	174	527	
Light4	2022-06-28 01:12	10.3	5.03	21.55	10916	1420	12871	-3458	-351	-1414	39.3	50.7	178	450	
Light4	2022-06-28 01:12	10.3	5.03	21.55	14097	737	9708	-3905	-376	-364	55.1	34.9	205	549	
Light4	2022-06-28 01:12	10.3	5.03	21.13	16018	1508	5706	-4032	-523	317	70.1	19.9	255	397	
Light4	2022-06-28 01:12	10.3	5.01	21.13	16702	1278	3410	-3986	-471	1187	78.4	11.6	270	273	
Light4	2022-06-28 01:12	10.3	5.01	21.4	16712	309	534	-3779	-285	1901	88.7	1.3	267	167	
Light4	2022-06-28 01:13	10.3	5.03	21.43	3464	1136	17158	-2291	-551	-2583	10.4	79.6	190	257	
Light4	2022-06-28 01:13	10.3	5.03	21.43	4220	775	16528	-2329	-517	-2560	13.1	76.9	192	396	
Light4	2022-06-28 01:13	10.3	5.03	21.38	9233	815	14357	-3217	-538	-1758	31.7	58.3	199	504	
Light4	2022-06-28 01:13	10.3	5.03	21.38	12730	755	10798	-3654	-601	-1066	49.2	40.8	220	455	
Light4	2022-06-28 01:13	10.3	5.03	21.2	15158	863	7978	-4012	-630	96	62.1	27.9	250	418	
Light4	2022-06-28 01:13	10.3	5.01	21.2	16129	727	4771	-4035	-627	782	74	16.0	271	294	
Light4	2022-06-28 01:13	9.9	5.03	21.2	16354	744	3432	-3986	-636	1241	78.8	11.2	268	393	
Light4	2022-06-28 01:13	9.9	5.03	21.47	16752	642	462	-3838	-615	1774	87.6	2.4	276	440	
Light4	2022-06-28 01:13	9.9	5.03	21.47	1478	713	17394	-1848	-759	-2795	3.8	86.2	203	307	
Light4	2022-06-28 01:13	10.3	5.03	21.15	7693	488	15281	-2931	-781	-2051	25.6	64.4	214	508	
Light4	2022-06-28 01:13	9.9	5.03	21.14	12683	706	11747	-3687	-845	-955	46.6	43.4	233	308	
Light4	2022-06-28 01:13	9.9	5.03	21.48	16324	570	5382	-4030	-882	569	72.2	17.8	269	375	
Light4	2022-06-28 01:13	9.9	5.03	21.48	16786	423	2725	-3965	-895	1248	81.7	8.3	266	569	
Light4	2022-06-28 01:13	9.9	5.03	21.55	16934	907	915	-3856	-907	1671	86.3	3.7	273	441	
Light4	2022-06-28 01:13	9.9	5.03	21.55	-1193	1249	16597	-1211	-935	-2948	-5.3	95.3	206	505	
Light4	2022-06-28 01:13	9.9	5.03	21.41	12802	804	11587	-3632	-1088	-987	47.2	42.8	245	335	
Light4	2022-06-28 01:13	9.9	5.01	21.5	15606	1090	7271	-3940	-1170	9	64.9	25.1	265	546	
Light4	2022-06-28 01:13	9.9	5.03	21.5	16517	470	4127	-4003	-1064	709	76.7	13.3	270	280	
Light4	2022-06-28 01:13	9.9	5.03	21.58	16850	692	2282	-3929	-1132	1253	83	7.0	268	350	
Light4	2022-06-28 01:13	9.9	5.03	21.58	1893	146	17192	-1639	-1063	-2799	5.2	84.8	227	298	
Light4	2022-06-28 01:13	9.9	5.03	21.72	9359	814	14416	-2963	-1232	-1881	32	58.0	241	277	
Light4	2022-06-28 01:13	9.9	5.03	21.72	10181	819	14049	-3091	-1200	-1768	35	55.0	242	223	
Light4	2022-06-28 01:14	9.9	5.03	21.35	14637	810	9113	-3772	-1284	-526	57.8	32.2	262	367	
Light4	2022-06-28 01:14	9.9	5.03	21.61	16054	997	6080	-3914	-1337	138	69.4	20.6	270	441	
Light4	2022-06-28 01:14	9.6	5.03	21.61	16714	1316	3589	-3927	-1415	770	77.8	12.2	272	502	
Light4	2022-06-28 01:14	9.6	5.03	21.65	2446	1513	16926	-1511	-1393	-2726	7	83.0	237	591	
Light4	2022-06-28 01:14	9.6	5.03	21.65	7335	1486	15760	-2431	-1432	-2261	23.7	66.3	244	500	
Light4	2022-06-28 01:14	9.6	5.03	21.65	10389	1817	14180	-3056	-1521	-1661	35	55.0	248	405	
Light4	2022-06-28 01:14	9.6	5.03	21.92	12141	1806	11820	-3246	4384	370	44.8	45.2	90	459	
Light4	2022-06-28 01:14	9.6	5.03	21.92	14957	2337	7275	-3559	-1680	-752	62.9	27.1	279	479	
Light4	2022-06-28 01:14	9.6	5.03	21.92	15993	2130	5865	-3769	-1686	-42	68.9	21.1	275	400	
Light4	2022-06-28 01:14	9.6	5.03	21.64	16605	1468	2960	-3887	-1550	521	79.5	10.5	278	359	
Light4	2022-06-28 01:14	9.6	5.03	21.64	2654	1197	16767	-1077	-1416	-2814	7.8	82.2	261	380	
Light4	2022-06-28 01:14	9.6	5.01	21.64	9964	942	13841	-2530	-1415	-2193	34.8	55.2	268	230	
Light4	2022-06-28 01:14	9.6	5.03	22.21	13212	411	10939	-3235	-1382	-1513	49.9	40.1	270	397	
Light4	2022-06-28 01:14	9.6	5.03	22.21	15105	224	7469	-3620	-1361	-852	63.9	26.1	275	243	
Light4	2022-06-28 01:14	9.6	5.03	21.65	16774	-330	3643	-3849	-1353	-217	78.7	11.3	276	371	
Light4	2022-06-28 01:14	9.6	5.03	21.65	16519	322	4816	-3841	-1384	-194	74.4	15.6	276	413	
Light4	2022-06-28 01:14	9.6	5.03	21.66	16767	332	907	-3933	-1418	594	87.9	2.1	284	551	
Light4	2022-06-28 01:14	9.6	5.03	21.66	-697	16	17773	-177	-1107	-2950	-3.6	93.6	271	377	
Light4	2022-06-28 01:14	9.6	5.03	21.66	5948	543	16199	-1480	-1247	-2794	19	71.0	277	337	
Light4	2022-06-28 01:14	9.6	5.03	21.66	10517	-187	13743	-2386	-1144	-2401	36.6	53.4	281	274	
Light4	2022-06-28 01:14	9.6	5.03	22.39	13953	-853	10083	-3122	-1088	-1762	53.8	36.2	282	486	
Light4	2022-06-28 01:14	9.6	5.03	22.39	15985	-543	6157	-3641	-1153	-934	69.4	20.6	280	305	
Light4	2022-06-28 01:14	9.6	5.03	21.72	16350	7	3821	-3822	-1207	-438	77.8	12.2	281	366	
Light4	2022-06-28 01:14	9.6	5.03	21.72	16893	-229	731	-3955	-1251	270	88.8	1.2	265	260	
Light4	2022-06-28 01:14	9.6	5.03	21.72	1568	349	16933	-230	-1053	-2980	4.1	85.9	297	380	
Light4	2022-06-28 01:14	9.6	5.03	21.72	1724	90	17524	-309	-925	-3025	4.6	85.4	297	440	
Light4	2022-06-28 01:14	9.6	5.03	22.12	10866	-9	13170	-2256	-1053	-2509	38.8	51.2	296	508	
Light4	2022-06-28 01:14	9.6	5.03	22.12	14355	91	9359	-3135	-1133	-1743	56.8	33.2	290	511	
Light4	2022-06-28 01:15	9.6	5.03	22.12	16149	42	5670	-3587	-1150	-1069	71.2	18.8	289	203	
Light4	2022-06-28 01:15	9.6	5.03	21.72	16747	97	2744	-3819	-1147	-490	81.8	8.2	287	356	
Light4	2022-06-28 01:15	9.6	5.03	21.72	16618	113	2933	-3836	-1161	-423	81.1	8.9	285	584	
Light4	2022-06-28 01:15	9.3	5.01	21.72	17055	-114	274	-3952	-1177	85	89.3	0.7	109	406	
Light4	2022-06-28 01:15	9.3	5.03	21.72	2382	56	16776	-81	-713	-3060	6.9	83.1	323	339	
Light4	2022-06-28 01:15	9.3	5.03	22.18	9256	-961	14169	-1609	-534	-2919	32.2	57.8	320	586	
Light4	2022-06-28 01:15	9.3	5.03	21.66	14032	-561	9815	-2809	-655	-2194	54.8	35.2	314	328	
Light4	2022-06-28 01:15	9.3	5.03	21.66	15673	-49	6365	-3340	-726	-1583	68.3	21.7	313	565	
Light4	2022-06-28 01:15	9.3	5.03	21.66	16444	9	3753	-3648	-789	-1045	78.1	11.9	306	599	
Light4	2022-06-28 01:15	9.3	5.03	21.7	16734	392	712	-3928	-861	-272	88.2	1.8	49	479	
Light4	2022-06-28 01:15	9.3	5.03	21.7	16921	20486	17420	11432	4596	368	34.9	55.1	131	427	
Light4	2022-06-28 01:15	9.3	5.03	21.7	2754	-577	16707	83	-224	-3113	8.2	81.8	349	412	
Light4	2022-06-28 01:15	9.3	5.03	21.7	6948	-930	15796	-764	-179	-3136	22.6	67.4	347	585	
Light4	2022-06-28 01:15	9.3	5.03	22.19	12065	-558	12206	-2132	-340	-2694	44	46.0	339	542	
Light4	2022-06-28 01:15	9.3	5.03	21.55	15543	-322	6583	-3205	-358	-1796	67.4	22.6	335	315	
Light4	2022-06-28 01:15	9.3	5.03	21.55	16212	20	5389	-3435	-435	-1464	72.2	17.8	334	283	
Light4	2022-06-28 01:15	9.3	5.03	21.55	16821	198	2356	-3751	-528	-867	83.1	6.9	335	177	
Light4	2022-06-28 01:15	9.3	5.03	21.55	16903	387	1570	-3809	-578	-700	85.7	4.3	6	426	
Light4	2022-06-28 01:15	9.3	5.03	21.66	2974	-630	16996	78	-9	-3137	8.8	81.2	1	533	
Light4	2022-06-28 01:15	9.3	5.03	21.66	7228	-202	15846	-892	3	-3126	23.4	66.6	7	285	
Light4	2022-06-28 01:15	9.3	5.03	21.66	13942	269	9591	-2559	-220	-2416	55.3	34.7	1	406	
Light4	2022-06-28 01:15	9.3	5.03	21.66	16189	500	5422	-3455	-340	-1441	72	18.0	2	399	
Light4	2022-06-28 01:15	9.3	5.03	21.76	16454	588	-160	-3909	-406	-403	86.8	3.2	98	302	
Light4	2022-07-26 01:05	16.4	5.03	22.35	1579	-770	17175	337	99	-3013	4.1	85.9	6	289	
Light4	2022-07-26 01:05	16.4	5.03	22.35	1533	-644	17273	260	100	-3025	3.9	86.1	8	585	
Light4	2022-07-26 01:05	16.4													

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz					
Light4	2022-07-26 01:05	16.4	5.03	22.35	10386	174	13669	-1654	-191	-3337	36.4	53.6	1	177	
Light4	2022-07-26 01:05	16.4	5.03	22.35	11970	710	12710	-2016	-265	-2653	42.5	47.5	5	519	
Light4	2022-07-26 01:05	16.4	5.01	23.29	14294	-578	10083	-2605	-123	-2255	54.5	35.5	350	438	
Light4	2022-07-26 01:05	16.4	5.03	23.29	14932	-186	9059	-2824	-164	-2054	58.7	31.3	355	341	
Light4	2022-07-26 01:05	16.4	5.03	23.29	14884	114	9102	-2829	-158	-2045	58.4	31.6	3	473	
Light4	2022-07-26 01:05	16.4	5.03	22.21	15959	-987	5559	-3241	115	-1488	71.2	18.8	350	282	
Light4	2022-07-26 01:05	16.4	5.03	22.21	16598	-540	3780	-3502	51	-1066	78	12.0	355	514	
Light4	2022-07-26 01:05	16.4	5.03	22	16697	-492	1695	-3638	27	-738	85.3	4.7	325	544	
Light4	2022-07-26 01:05	16.4	5.03	22	-960	-125	17065	703	563	-2873	-4.5	94.5	41	565	
Light4	2022-07-26 01:05	16.4	5.03	22	544	-1144	17423	455	723	-2918	0.6	89.4	37	476	
Light4	2022-07-26 01:05	16.4	5.03	22	5679	-1365	15763	-549	737	-2986	18.6	71.4	32	494	
Light4	2022-07-26 01:05	16.4	5.03	22	7341	-1452	15165	-899	756	-2916	24.7	65.3	31	567	
Light4	2022-07-26 01:05	16.4	5.03	22	7752	-1467	15568	-1000	798	-2892	25.3	64.7	34	414	
Light4	2022-07-26 01:05	16.4	5.03	22	7923	-1329	14991	-1063	785	-2885	26.8	63.2	34	484	
Light4	2022-07-26 01:05	16.4	5.03	22	9635	-628	13169	-1443	714	-2784	35.4	54.6	34	371	
Light4	2022-07-26 01:05	16.4	5.03	22	10676	-1116	13283	-1745	686	-2666	37.9	52.1	33	432	
Light4	2022-07-26 01:06	16.4	5.03	23.12	13110	-2201	10505	-2241	831	-2295	50.4	39.6	21	370	
Light4	2022-07-26 01:06	16.4	5.03	23.12	14182	-1210	9767	-2521	757	-2089	55.1	34.9	35	550	
Light4	2022-07-26 01:06	16.4	5.03	23.12	14743	-950	8907	-2764	742	-1860	58.7	31.3	43	449	
Light4	2022-07-26 01:06	16.4	5.03	22.29	16249	-1497	5422	-3193	675	-1326	71.6	18.4	24	183	
Light4	2022-07-26 01:06	16.4	5.01	22.29	16589	-359	2811	-3515	525	-764	81.5	8.5	51	451	
Light4	2022-07-26 01:06	16.4	5.03	22.29	16948	28	2674	-3578	479	-573	82.1	7.9	67	498	
Light4	2022-07-26 01:06	16.4	5.01	21.97	17026	-328	-105	-3706	515	-54	87.8	2.2	266	481	
Light4	2022-07-26 01:06	16.4	5.03	21.97	-1218	-512	16826	502	1023	-2846	-5.4	95.4	63	533	
Light4	2022-07-26 01:06	16.4	5.01	21.97	6075	244	15748	-942	790	-2916	20	70.0	57	175	
Light4	2022-07-26 01:06	16.4	5.01	22.72	10487	471	13728	-1968	666	-2549	36.5	53.5	60	589	
Light4	2022-07-26 01:06	16.4	5.03	22.72	13139	712	11097	-2596	599	-2098	49.3	40.7	63	572	
Light4	2022-07-26 01:06	16.4	5.03	22.72	14887	762	8556	-3037	548	-1638	60	30.0	66	313	
Light4	2022-07-26 01:06	16.4	5.03	22.17	16112	575	5800	-3382	562	-1060	70.6	19.4	72	586	
Light4	2022-07-26 01:06	16.4	5.03	22.17	16574	682	3334	-3591	527	-542	79.3	10.7	79	426	
Light4	2022-07-26 01:06	16.4	5.03	22.17	17011	1104	957	-3733	459	-20	85.6	4.4	94	266	
Light4	2022-07-26 01:06	16.4	5.01	22.04	5349	345	15862	-1131	993	-2809	17.5	72.5	74	383	
Light4	2022-07-26 01:06	16.4	5.03	22.04	8211	-326	14695	-1574	1002	-2635	28.2	61.8	65	592	
Light4	2022-07-26 01:06	16.4	5.03	22.61	8368	-386	15243	-1824	989	-2522	27.7	62.3	78	538	
Light4	2022-07-26 01:06	16.4	5.03	22.61	8729	-249	14394	-1841	995	-2489	30.3	59.7	73	364	
Light4	2022-07-26 01:06	16.4	5.01	22.61	12086	-618	12305	-2614	947	-1924	43.8	46.2	79	349	
Light4	2022-07-26 01:06	16.4	5.03	22.61	13562	-226	10567	-2926	930	-1562	51.7	38.3	80	501	
Light4	2022-07-26 01:06	16.4	5.03	22.26	14261	-436	9932	-3098	976	-1297	54.9	35.1	83	492	
Light4	2022-07-26 01:07	16.4	5.03	22.26	15554	-10	7985	-3389	861	-783	62.9	27.1	87	297	
Light4	2022-07-26 01:07	16.4	5.03	22.11	16444	263	4532	-3598	837	-78	75.3	14.7	87	277	
Light4	2022-07-26 01:07	16.4	5.01	22.11	16579	-268	2744	-3629	826	154	81.7	8.3	84	567	
Light4	2022-07-26 01:07	16.4	5.01	22.06	16941	70	322	-3656	810	688	89.4	0.6	258	506	
Light4	2022-07-26 01:07	16.4	5.03	22.57	4059	738	16546	-1292	777	-2834	12.6	77.4	95	432	
Light4	2022-07-26 01:07	16.4	5.03	22.57	10086	631	13624	-2582	737	-2057	35.6	54.4	97	344	
Light4	2022-07-26 01:07	16.4	5.01	22.3	12251	548	12326	-2902	743	-1716	44.1	45.9	94	386	
Light4	2022-07-26 01:07	16.4	5.03	22.3	14279	165	9473	-3296	782	-1081	56.3	33.7	91	121	
Light4	2022-07-26 01:07	16.4	5.03	22.18	15602	401	6222	-3570	686	-450	68.7	21.3	89	268	
Light4	2022-07-26 01:07	16.4	5.03	22.18	16721	660	3464	-3704	663	208	79	11.0	89	266	
Light4	2022-07-26 01:07	16.4	5.03	22.18	16933	675	-175	-3703	659	941	86.7	3.3	264	92	
Light4	2022-07-26 01:07	16.4	5.03	22.09	614	367	16978	-1062	763	-2899	0.9	89.1	119	433	
Light4	2022-07-26 01:07	16.4	5.03	22.09	6731	217	15497	-2216	708	-2382	22.4	67.6	115	573	
Light4	2022-07-26 01:07	16.4	5.03	22.09	10967	660	13294	-3017	566	-1663	38.7	51.3	114	432	
Light4	2022-07-26 01:07	16.4	5.03	22.57	13695	965	10990	-3423	490	-1044	50.7	39.3	108	419	
Light4	2022-07-26 01:07	16.4	5.03	22.57	14438	785	8715	-3576	484	-628	58.7	31.3	102	396	
Light4	2022-07-26 01:07	16.4	5.01	22.57	15904	873	5612	-3757	459	50	70.8	19.2	93	407	
Light4	2022-07-26 01:08	16.4	5.03	22.57	16882	594	3532	-3767	524	337	78.9	11.1	90	475	
Light4	2022-07-26 01:08	16.4	5.01	22.09	16738	846	388	-3725	480	1193	86.8	3.2	259	517	
Light4	2022-07-26 01:08	16.4	5.03	22.09	3218	936	17253	-1767	449	-2712	9.6	80.4	132	450	
Light4	2022-07-26 01:08	16.4	5.01	22.09	7184	864	15321	-2525	380	-2230	24	66.0	131	301	
Light4	2022-07-26 01:08	16.4	5.03	22.17	12087	1569	12525	-3342	246	-1318	43	47.0	124	338	
Light4	2022-07-26 01:08	16.4	5.03	22.17	13017	1099	10617	-3521	232	-975	50.2	39.8	121	490	
Light4	2022-07-26 01:08	16.4	5.03	22.17	15084	926	8296	-3753	287	-221	61	29.0	108	259	
Light4	2022-07-26 01:08	16.4	5.03	22.03	16113	1017	5078	-3854	246	430	72.7	17.3	92	350	
Light4	2022-07-26 01:08	16.4	5.03	22.03	16864	1070	2220	-3800	268	1086	82.5	7.5	107	294	
Light4	2022-07-26 01:08	16.4	5.03	22.03	2990	-481	16600	-1888	412	-2662	9	81.0	151	586	
Light4	2022-07-26 01:08	16.4	5.03	22.2	11004	-6	12911	-3324	206	-1366	39.7	50.3	146	553	
Light4	2022-07-26 01:08	16.4	5.03	21.63	14424	64	9177	-3764	109	-322	57.4	32.6	133	409	
Light4	2022-07-26 01:08	16.4	5.03	21.63	14546	-125	9463	-3774	117	-313	56.8	33.2	136	265	
Light4	2022-07-26 01:08	16.4	5.03	21.63	16046	325	5703	-3871	114	627	70.9	19.1	88	281	
Light4	2022-07-26 01:08	16.4	5.03	22.13	16968	805	1423	-3790	-27	1475	85.4	4.6	254	193	
Light4	2022-07-26 01:08	16.4	5.03	22.13	3807	1692	16255	-2168	-266	-2567	11.9	78.1	167	387	
Light4	2022-07-26 01:08	16.4	5.03	21.89	8842	1110	14816	-3071	-348	-1797	29.7	60.3	181	516	
Light4	2022-07-26 01:08	16.4	5.03	21.89	12524	1125	11943	-3614	-335	-931	45.6	44.4	184	515	
Light4	2022-07-26 01:08	16.4	5.01	21.89	14830	939	8364	-3873	-344	-127	60.4	29.6	206	398	
Light4	2022-07-26 01:08	16.4	5.03	21.89	15590	540	7207	-3913	-330	179	65.3	24.7	229	598	
Light4	2022-07-26 01:08	16.4	5.01	21.89	16643	638	3374	-3883	-290	1144	79.2	10.8	273	584	
Light4	2022-07-26 01:08	16.4	5.03	22.34	4712	304	16310	-2387	-546	-2406	14.9	75.1	200	307	
Light4	2022-07-26 01:08	16.4	5.03	22.34	5149	356	16206	-2439	-584	-2370	16.5	73.5	202	382	
Light4	2022-07-26 01:09	16.4	5.03	22.34	9731	785	13695	-3222	-687	-1585	34.5	55.5	212	536	
Light4	2022-07-26 01:09	16.4	5.03	22.01	13431	1113	10496	-3725	-789	-616	51.4	38.6	235	420	
Light4	2022-07-26 01:09	16.4	5.03	22.01	16520	1159	5028	-3921	-815	701	73.2	16.8	269	394	
Light4	2022-07-26 01:09	16.1	5.03	22.01	16434	1186	5550	-3924	-876	702	71.4	18.6	269	477	
Light4	2022-07-26 01:														

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration	
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz				
Light4	2022-07-26 01:09	16.4	5.03	22.48	11274	746	12408	-3191	-1027	-1573	41.5	48.5	245	425
Light4	2022-07-26 01:09	16.4	5.03	22.48	13308	891	10313	-3639	-1083	-738	51.8	38.2	251	472
Light4	2022-07-26 01:09	16.4	5.03	22.48	14802	921	9232	-3822	-1038	-208	57.7	32.3	256	514
Light4	2022-07-26 01:09	16.4	5.01	22.48	16247	1702	4615	-3899	-1112	561	73.6	16.4	270	418
Light4	2022-07-26 01:09	16.1	5.03	22.18	3833	1752	16733	-1794	-1351	-2537	11.6	78.4	235	476
Light4	2022-07-26 01:09	16.1	5.03	22.18	7470	1851	15261	-2434	-1372	-2157	24.8	65.2	242	540
Light4	2022-07-26 01:09	16.1	5.03	21.99	13467	1053	10846	-3499	-1314	-924	50.6	39.4	257	542
Light4	2022-07-26 01:09	16.1	5.03	21.99	14644	841	8357	-3668	-1334	-519	60.2	29.8	266	486
Light4	2022-07-26 01:09	16.1	5.01	21.99	16359	571	4807	-3852	-1267	362	74.2	15.8	271	540
Light4	2022-07-26 01:09	16.1	5.01	22.25	16871	420	2207	-3860	-1226	929	83.5	6.5	270	484
Light4	2022-07-26 01:09	16.1	5.01	22.25	16919	390	-401	-3768	-1210	1456	86.6	3.4	55	357
Light4	2022-07-26 01:09	16.1	5.01	22.37	1744	365	16787	-1000	-1256	-2787	4.7	85.3	255	312
Light4	2022-07-26 01:09	16.1	5.01	22.37	7952	40	14599	-2229	-1109	-2396	27.6	62.4	260	448
Light4	2022-07-26 01:10	16.1	5.03	22.17	10923	277	13243	-2770	-1229	-1939	38.7	51.3	264	554
Light4	2022-07-26 01:10	16.1	5.01	22.17	13398	107	10228	-3250	-1309	-1359	52.3	37.7	271	182
Light4	2022-07-26 01:10	16.1	5.03	21.99	15213	-270	7273	-3570	-1286	-778	64.7	25.3	274	454
Light4	2022-07-26 01:10	16.1	5.03	21.99	16501	343	4653	-3782	-1293	-92	74.9	15.1	275	456
Light4	2022-07-26 01:10	16.1	5.03	21.99	16298	-136	4764	-3803	-1263	-44	74.5	15.5	273	522
Light4	2022-07-26 01:10	16.1	5.01	21.99	16980	85	599	-3845	-1320	738	89.3	0.7	282	398
Light4	2022-07-26 01:10	16.1	5.03	21.99	370	-280	16909	-210	-990	-2904	0	90.0	283	455
Light4	2022-07-26 01:10	16.1	5.03	22.75	8161	-643	15073	-1871	-1020	-2612	27.4	62.6	279	462
Light4	2022-07-26 01:10	16.1	5.01	22.75	11800	-913	12553	-2574	-998	-2196	42.5	47.5	283	386
Light4	2022-07-26 01:10	16.1	5.03	22.75	12218	-896	12169	-2698	-1000	-2084	44.5	45.5	281	458
Light4	2022-07-26 01:10	16.1	5.03	22.75	12946	-641	10959	-2880	-967	-1918	49.3	40.7	283	512
Light4	2022-07-26 01:10	16.1	5.03	22.44	15501	-1018	7272	-3451	-1002	-1165	65	25.0	280	305
Light4	2022-07-26 01:10	16.1	5.03	22.44	16426	-835	4572	-3705	-1089	-525	75	15.0	277	284
Light4	2022-07-26 01:10	16.1	5.03	22.44	17119	-71	689	-3837	-1252	177	89.1	0.9	274	447
Light4	2022-07-26 01:10	16.1	5.03	22.44	16716	112	618	-3843	-1256	283	89.2	0.8	297	442
Light4	2022-07-26 01:10	16.1	5.03	22.44	16564	-11	-555	-3854	-1263	458	86.3	3.7	91	448
Light4	2022-07-26 01:10	16.1	5.03	22.34	1892	-712	16886	-113	-522	-3022	5.2	84.8	320	463
Light4	2022-07-26 01:10	16.1	5.03	22.34	65	-620	16920	121	-578	-2971	-1	91.0	311	549
Light4	2022-07-26 01:10	16.1	5.01	22.34	7719	-180	14870	-1320	-727	-2883	26.4	63.6	317	574
Light4	2022-07-26 01:10	16.1	5.03	22.34	7551	-872	15731	-1314	-694	-2885	24.5	65.5	307	514
Light4	2022-07-26 01:10	16.1	5.03	22.34	12357	-415	11615	-2303	4594	410	46.2	43.8	88	523
Light4	2022-07-26 01:10	16.1	5.03	22.34	12270	-213	11901	-2379	-831	-2366	45.3	44.7	308	435
Light4	2022-07-26 01:10	16.1	5.01	22.34	14721	-203	8116	-3050	-882	-1769	61.2	28.8	304	556
Light4	2022-07-26 01:10	16.1	5.01	23.17	15413	-98	7802	-3197	-891	-1581	63.3	26.7	300	496
Light4	2022-07-26 01:10	16.1	5.03	23.17	16169	685	4419	-3517	-1002	-1050	75.3	14.7	309	498
Light4	2022-07-26 01:11	16.1	5.03	23.17	16893	-474	587	-3808	-909	-280	88.4	1.6	262	556
Light4	2022-07-26 01:11	16.1	5.01	22.59	5149	-880	16897	-620	-321	-3054	15.8	74.2	334	508
Light4	2022-07-26 01:11	16.1	5.03	22.59	12487	969	10942	-2276	-759	-2449	48.2	41.8	339	515
Light4	2022-07-26 01:11	16.1	5.03	22.89	15582	342	7894	-3099	-653	-1752	63.2	26.8	325	374
Light4	2022-07-26 01:11	16.1	5.03	22.89	16991	-308	3344	-3613	-437	-918	79.8	10.2	311	315
Light4	2022-07-26 01:11	16.1	5.01	22.89	16738	-330	-1449	-3880	-405	27	83.1	6.9	102	597
Light4	2022-07-26 01:11	16.1	5.03	22.89	4003	895	16316	-127	-356	-3041	12.6	77.4	359	519
Light4	2022-07-26 01:11	16.1	5.01	22.68	10048	66	14664	-1611	-356	-2833	33.5	56.5	347	463
Light4	2022-07-26 01:11	16.1	5.01	22.68	15089	667	8177	-2939	-505	-1940	61.5	28.5	349	326
Light4	2022-07-26 01:11	16.1	5.01	22.68	16580	297	3428	-3563	-435	-1033	79.2	10.8	347	417
Light4	2022-07-26 01:11	16.1	5.01	22.68	16786	170	-570	-3855	-463	-185	86.3	3.7	105	227
Light4	2022-09-23 20:57	17.4	5.03	22.75	734	-1035	16645	528	183	-2975	1.3	88.7	7	483
Light4	2022-09-23 20:57	17.4	5.03	22.47	6966	-1198	16124	-827	199	-3068	22.2	67.8	6	503
Light4	2022-09-23 20:57	17.4	5.03	21.37	11025	-1273	12640	-1774	201	-2788	40.3	49.7	1	483
Light4	2022-09-23 20:57	17.4	5.03	21.37	12706	-1109	10605	-2227	50	-2547	49.7	40.3	353	427
Light4	2022-09-23 20:57	17.4	5.01	21.37	12995	-1097	10759	-2313	82	-2479	49.9	40.1	355	597
Light4	2022-09-23 20:57	17	5.03	21.37	15470	-692	6783	-3084	-4	-1795	66.6	23.4	353	478
Light4	2022-09-23 20:57	17	5.03	21.51	15815	-444	6542	-3175	27	-1662	67.9	22.1	3	311
Light4	2022-09-23 20:57	17	5.03	21.51	16982	263	1861	-3688	-172	-757	84.9	5.1	35	338
Light4	2022-09-23 20:58	17	5.03	21.43	3225	-251	17008	-23	453	-3061	9.6	80.4	31	408
Light4	2022-09-23 20:58	17	5.03	22.02	7964	-397	15008	-1086	463	-2985	26.9	63.1	30	427
Light4	2022-09-23 20:58	17	5.03	22.02	10683	53	14046	-1687	374	-2794	36.4	53.6	32	456
Light4	2022-09-23 20:58	17	5.01	22.02	12141	274	11509	-1945	359	-2672	46	44.0	28	523
Light4	2022-09-23 20:58	17	5.03	22.02	13157	222	11267	-2381	331	-2395	48.9	41.1	36	300
Light4	2022-09-23 20:58	16.7	5.03	21.28	14797	-326	7745	-2858	315	-1979	62.6	27.4	25	350
Light4	2022-09-23 20:58	16.7	5.03	21.38	16224	-438	5995	-3256	364	-1449	70.2	19.8	34	356
Light4	2022-09-23 20:58	16.7	5.03	21.39	16937	-362	2377	-3611	298	-768	83.1	6.9	30	590
Light4	2022-09-23 20:58	16.7	5.03	21.89	-672	-944	17034	684	761	-2881	-3.5	93.5	41	377
Light4	2022-09-23 20:58	16.7	5.03	21.88	9372	-212	14263	-1507	576	-2827	32.4	57.6	39	552
Light4	2022-09-23 20:58	16.7	5.03	21.88	10094	-170	13864	-1524	582	-2822	35.2	54.8	36	568
Light4	2022-09-23 20:58	16.7	5.03	21.88	11378	-329	13019	-1862	571	-2668	40.4	49.6	36	596
Light4	2022-09-23 20:58	16.4	5.03	21.16	13036	349	10347	-2453	468	-2313	51.2	38.8	43	402
Light4	2022-09-23 20:58	16.4	5.03	21.25	15160	647	7817	-3060	399	-1722	62.7	27.3	55	350
Light4	2022-09-23 20:58	16.4	5.03	21.25	16573	492	5622	-3384	361	-1222	71.7	18.3	60	566
Light4	2022-09-23 20:58	16.4	5.03	21.25	16635	695	5861	-3412	347	-1180	70.9	19.1	65	563
Light4	2022-09-23 20:58	16.4	5.03	21.27	16923	1207	1337	-3736	276	-373	84.6	5.4	88	389
Light4	2022-09-23 20:58	16.4	5.03	21.25	2823	-386	16408	-387	949	-2976	8.6	81.4	63	590
Light4	2022-09-23 20:58	16.4	5.03	21.83	3083	100	17046	-553	981	-2956	9.1	80.9	71	314
Light4	2022-09-23 20:58	16.4	5.03	21.83	9589	-992	14120	-1770	999	-2575	33.2	56.8	58	558
Light4	2022-09-23 20:58	16.4	5.03	21.25	10587	-539	13300	-2093	992	-2381	37.7	52.3	65	457
Light4	2022-09-23 20:58	16.4	5.03	21.25	13691	-779	11035	-2689	912	-1898	50.7	39.3	64	489
Light4	2022-09-23 20:58	16.4	5.03	21.16	14960	-199	8390	-3032	881	-1492	60.8	29.2	67	295
Light4	2022-09-23 20:58	16.1	5.03	21.16	16192	-243	5244	-3405	820	-857	72.7	17.3	71	221
Light4	2022-09-23 20:58	16.1	5.03	21.21	16669	252	2538	-3627	755	-211	82.4	7.6	82	535
Light4														

ID	Local Date & Time	MSAS										Altitude	Zenith	Azimuth	Vibration
		Temperature	Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz					
Light4	2022-09-23 20:59	16.1	5.03	21.25	15481	456	7275	-3372	761	-988	65	25.0	81	564	
Light4	2022-09-23 20:59	16.1	5.03	21.23	16121	437	5470	-3524	786	-583	71.8	18.2	83	457	
Light4	2022-09-23 20:59	15.7	5.03	21.2	16926	428	1587	-3702	742	201	85.6	4.4	90	303	
Light4	2022-09-23 20:59	15.7	5.03	21.2	16916	502	1616	-3709	722	267	85.4	4.6	91	579	
Light4	2022-09-23 20:59	15.7	5.03	21.21	3372	-593	16387	-1038	1088	-2844	10.4	79.6	88	356	
Light4	2022-09-23 20:59	15.7	5.03	21.52	9960	166	13814	-2490	946	-2092	34.9	55.1	93	462	
Light4	2022-09-23 20:59	15.7	5.03	21.52	11077	-388	13008	-2591	947	-2009	39.7	50.3	87	311	
Light4	2022-09-23 20:59	15.7	5.03	21.19	13843	-439	9569	-3139	997	-1266	55.2	34.8	84	165	
Light4	2022-09-23 20:59	15.7	5.03	21.19	14085	-857	9150	-3220	1027	-1083	56.8	33.2	86	512	
Light4	2022-09-23 20:59	15.7	5.03	21.19	15766	-547	7990	-3482	865	-655	63.2	26.8	89	479	
Light4	2022-09-23 20:59	15.7	5.03	21.29	15499	-105	6453	-3514	883	-512	67.8	22.2	86	279	
Light4	2022-09-23 20:59	15.4	5.03	21.29	16167	183	4046	-3664	846	174	76.8	13.2	88	450	
Light4	2022-09-23 20:59	15.4	5.03	21.21	17034	390	657	-3707	731	790	88.3	1.7	131	450	
Light4	2022-09-23 20:59	15.4	5.03	21.21	17401	137	475	-3711	719	873	89.4	0.6	198	536	
Light4	2022-09-23 20:59	15.4	5.03	21.2	16723	-143	-1406	-3610	862	1203	83.3	6.7	278	577	
Light4	2022-09-23 20:59	15.4	5.03	21.27	456	-176	17137	-1010	826	-2931	0.3	89.7	120	592	
Light4	2022-09-23 20:59	15.4	5.03	20.87	9109	409	14175	-2740	659	-1996	31.8	58.2	115	402	
Light4	2022-09-23 20:59	15.4	5.03	20.87	13123	307	10395	-3277	579	-1326	51.3	38.7	99	557	
Light4	2022-09-23 20:59	15.4	5.03	21.04	12760	362	11447	-3337	599	-1220	47.6	42.4	109	467	
Light4	2022-09-23 20:59	15.4	5.03	21.04	14798	254	8648	-3616	609	-523	59.7	30.3	100	568	
Light4	2022-09-23 20:59	15.4	5.03	21.04	15025	-61	7968	-3626	637	-468	62.2	27.8	97	203	
Light4	2022-09-23 20:59	15.1	5.03	21.32	15929	340	5902	-3740	607	128	70.1	19.9	92	218	
Light4	2022-09-23 20:59	15.1	5.03	21.32	16369	92	4966	-3758	634	306	73.8	16.2	91	427	
Light4	2022-09-23 20:59	15.1	5.03	21.32	16008	2072	836	-3795	463	933	82.1	7.9	257	438	
Light4	2022-09-23 20:59	15.1	5.01	21.23	16720	369	32	-3665	636	1376	87.9	2.1	270	278	
Light4	2022-09-23 20:59	15.1	5.01	21.23	580	1412	17610	-1504	95	-2910	0.7	89.3	151	444	
Light4	2022-09-23 20:59	15.1	5.01	21.55	2202	-249	17080	-1684	498	-2792	6.2	83.8	144	350	
Light4	2022-09-23 21:00	15.1	5.03	21.59	9934	404	14074	-3120	332	-1684	34.3	55.7	137	440	
Light4	2022-09-23 21:00	15.1	5.03	21.59	10180	261	13557	-3167	301	-1618	36.1	53.9	139	258	
Light4	2022-09-23 21:00	15.1	5.03	21.19	14145	690	9802	-3732	155	-538	54.9	35.1	127	387	
Light4	2022-09-23 21:00	15.1	5.03	21.3	14974	16	8338	-3807	227	-129	60.9	29.1	116	394	
Light4	2022-09-23 21:00	14.8	5.03	21.29	15942	536	6113	-3885	197	341	69.4	20.6	97	398	
Light4	2022-09-23 21:00	14.8	5.03	21.21	16808	604	2221	-3822	219	1200	83.3	6.7	110	178	
Light4	2022-09-23 21:00	14.8	5.03	21.15	3664	19	16662	-2216	20	-2567	11.2	78.8	170	571	
Light4	2022-09-23 21:00	14.8	5.03	21.96	10119	-601	13167	-3241	51	-1585	36.8	53.2	170	417	
Light4	2022-09-23 21:00	14.8	5.03	21.17	12727	360	11333	-3716	-148	-719	47.8	42.2	174	469	
Light4	2022-09-23 21:00	14.5	5.03	21.13	16030	1008	6698	-3954	-411	397	67.3	22.7	253	575	
Light4	2022-09-23 21:00	14.5	5.03	21.12	512	18446	17426	14908	4486	400	0.5	89.5	122	3343	
Light4	2022-09-23 21:00	14.5	5.03	21.15	16993	157	1014	-3786	-176	1622	87.9	2.1	236	574	
Light4	2022-09-23 21:00	14.5	5.03	21.17	1114	-826	17341	-1757	-180	-2822	2.5	87.5	190	215	
Light4	2022-09-23 21:00	14.5	5.03	21.17	8388	-1340	15307	-2990	-228	-1954	27.6	62.4	201	257	
Light4	2022-09-23 21:00	14.5	5.03	21.17	8872	-950	15154	-3045	-280	-1893	29.3	60.7	200	461	
Light4	2022-09-23 21:00	14.5	5.03	22.12	11305	-259	13179	-3438	-473	-1359	39.9	50.1	212	426	
Light4	2022-09-23 21:00	14.1	5.03	22.12	12240	-269	11897	-3623	-447	-993	45.2	44.8	214	346	
Light4	2022-09-23 21:00	14.1	5.03	21.04	13197	-334	11105	-3717	-437	-766	49.5	40.5	218	476	
Light4	2022-09-23 21:00	14.1	5.03	21.09	15308	871	7955	-3919	-683	-8	62.4	27.6	251	452	
Light4	2022-09-23 21:01	14.1	5.03	21.09	16823	-75	3399	-3939	-659	972	79.6	10.4	270	533	
Light4	2022-09-23 21:01	14.1	5.03	21.11	16860	-281	-255	-3745	-629	1817	87.3	2.7	69	274	
Light4	2022-09-23 21:01	14.1	5.03	21.2	2481	-558	17042	-1750	-717	-2776	7.1	82.9	219	479	
Light4	2022-09-23 21:01	14.1	5.03	21.61	7571	-379	15422	-2564	-894	-2269	25.1	64.9	235	589	
Light4	2022-09-23 21:01	14.1	5.03	21.12	12113	-567	12134	-3379	-898	-1374	44.3	45.7	247	582	
Light4	2022-09-23 21:01	14.1	5.03	21.12	14193	-571	9659	-3656	-960	-808	55.6	34.4	258	586	
Light4	2022-09-23 21:01	14.1	5.03	21.17	14325	-383	8995	-3732	-951	-627	57.8	32.2	258	397	
Light4	2022-09-23 21:01	14.1	5.03	21.17	16011	90	5794	-3874	-1152	57	70.6	19.4	270	490	
Light4	2022-09-23 21:01	14.1	5.03	21.25	16868	692	2463	-3909	-1156	576	82.4	7.6	273	446	
Light4	2022-09-23 21:01	13.8	5.01	21.25	17037	9	401	-3839	-1196	1233	89.8	0.2	30	368	
Light4	2022-09-23 21:01	13.8	5.01	21.22	16927	280	348	-3826	-1209	1293	88.8	1.2	319	238	
Light4	2022-09-23 21:01	13.8	5.03	21.22	1041	-924	17228	-1108	-890	-2925	2.3	87.7	241	301	
Light4	2022-09-23 21:01	13.8	5.03	21.35	15881	-18	7660	-3673	-1246	-602	64.4	25.6	270	548	
Light4	2022-09-23 21:01	13.8	5.03	21.35	16415	154	4976	-3802	-1339	-72	73.8	16.2	274	452	
Light4	2022-09-23 21:01	13.8	5.03	21.35	16974	457	1810	-3844	-1422	467	84.8	5.2	277	373	
Light4	2022-09-23 21:01	13.8	5.03	21.37	17032	455	2458	-3854	-1397	466	82.7	7.3	275	398	
Light4	2022-09-23 21:01	13.8	5.03	21.37	-308	4	17077	-561	-1081	-2925	-2.3	92.3	254	359	
Light4	2022-09-23 21:01	13.5	5.03	21.37	7108	-262	15650	-1808	-1137	-2649	23.3	66.7	271	489	
Light4	2022-09-23 21:01	13.5	5.03	21.87	12072	-352	12112	-2845	-1114	-1966	44.3	45.7	274	524	
Light4	2022-09-23 21:01	13.5	5.03	21.43	14485	-484	9065	-3331	-1153	-1370	57.9	32.1	277	414	
Light4	2022-09-23 21:01	13.5	5.03	21.43	15652	307	6776	-3526	-1255	-972	66.9	23.1	282	425	
Light4	2022-09-23 21:01	13.5	5.03	21.43	16316	-10	4836	-3747	-1221	-446	74.2	15.8	278	407	
Light4	2022-09-23 21:01	13.5	5.03	21.45	17269	627	825	-3838	-1336	107	87.3	2.7	333	563	
Light4	2022-09-23 21:01	13.5	5.01	21.45	16527	515	1184	-3862	-1305	283	86.7	3.3	289	338	
Light4	2022-09-23 21:01	13.5	5.03	21.45	-466	-1115	17930	73	-740	-2975	-2.9	92.9	291	304	
Light4	2022-09-23 21:01	13.5	5.03	21.45	7726	-534	15097	-1509	-875	-2833	26.1	63.9	299	459	
Light4	2022-09-23 21:01	13.5	5.03	22.2	10994	-255	13047	-2215	-920	-2503	39.4	50.6	300	506	
Light4	2022-09-23 21:01	13.5	5.03	22.2	14088	-58	9655	-2939	-972	-1921	55.4	34.6	299	456	
Light4	2022-09-23 21:02	13.5	5.03	22.2	15403	191	6947	-3308	-978	-1469	66	24.0	301	373	
Light4	2022-09-23 21:02	13.5	5.03	21.68	16307	158	4069	-3603	-1035	-920	76.9	13.1	296	583	
Light4	2022-09-23 21:02	13.2	5.03	21.69	16648	567	573	-3851	-1132	-113	87.8	2.2	54	570	
Light4	2022-09-23 21:02	13.2	5.03	21.4	2465	-503	17000	-91	-550	-3043	7.1	82.9	326	569	
Light4	2022-09-23 21:02	13.2	5.03	21.4	10672	868	12980	-1970	-883	-2652	38.6	51.4	324	277	
Light4	2022-09-23 21:02	13.2	5.03	21.89	15120	684	7602	-3131	-912	-1727	63.4	26.6	317	371	
Light4	2022-09-23 21:02	13.2	5.03	21.89	16646	918	3692	-3519	-929	-1121	77.9	12.1	334	587	
Light4	2022-09-23 21:02	13.2	5.01	21.53	16958	957	1088	-3781	-996	-469	85.8	4.2	45	45	

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration	
			Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz				
Light4	2022-09-23 21:02	13.2	5.03	21.83	16092	818	5997	-3302	-744	-1532	69.8	20.2	335	205
Light4	2022-09-23 21:02	12.8	5.03	21.51	16744	602	1873	-3744	-711	-692	84.4	5.6	359	415
Light4	2022-09-23 21:02	12.8	5.03	21.34	16615	395	-1387	-3919	-591	-21	83.2	6.8	95	475
Light4	2022-09-29 21:04	9.3	5.03	22.63	477	258	16945	560	-60	-2976	0.4	89.6	9	484
Light4	2022-09-29 21:04	9.3	5.03	22.63	5127	240	15811	-359	-238	-3121	16.8	73.2	358	422
Light4	2022-09-29 21:04	9.3	5.03	22.63	6334	518	15633	-696	-185	-3109	20.9	69.1	5	548
Light4	2022-09-29 21:04	9.3	5.03	23.05	9182	-46	14746	-1312	-217	-2980	30.9	59.1	355	581
Light4	2022-09-29 21:04	9.3	5.03	21.42	9805	-188	13971	-1523	-129	-2928	34.2	55.8	359	503
Light4	2022-09-29 21:04	9.3	5.01	21.37	11843	473	12772	-2056	-173	-2706	42.1	47.9	7	496
Light4	2022-09-29 21:04	9.6	5.03	21.37	11851	368	12070	-2062	-108	-2694	43.8	46.2	9	541
Light4	2022-09-29 21:04	9.6	5.03	21.37	11564	322	12731	-2031	-194	-2715	41.5	48.5	3	475
Light4	2022-09-29 21:04	9.6	5.03	21.38	12637	-14	12330	-2182	-304	-2627	45.1	44.9	350	495
Light4	2022-09-29 21:04	9.6	5.03	21.38	12804	-541	10980	-2307	-220	-2554	49	41.0	346	590
Light4	2022-09-29 21:04	9.6	5.03	21.46	16481	881	4064	-3521	-465	-1281	76.6	13.4	14	465
Light4	2022-09-29 21:04	9.6	5.03	21.42	16583	464	1410	-3795	-469	-668	86.1	3.9	38	581
Light4	2022-09-29 21:04	9.6	5.03	22.67	2554	36	16993	108	336	-3085	7.4	82.6	28	445
Light4	2022-09-29 21:04	9.6	5.03	22.67	8303	-329	14946	-1108	336	-3032	28	62.0	24	413
Light4	2022-09-29 21:04	9.6	5.01	21.55	11722	119	12761	-1939	175	-2742	41.9	48.1	21	219
Light4	2022-09-29 21:05	9.6	5.01	21.55	14282	158	9084	-2702	73	-2234	57.5	32.5	19	255
Light4	2022-09-29 21:05	9.6	5.03	21.36	14418	539	8378	-2897	-40	-2061	59.8	30.2	23	586
Light4	2022-09-29 21:05	9.6	5.03	21.36	15172	686	8385	-2982	-7	-1980	61	29.0	29	312
Light4	2022-09-29 21:05	9.6	5.01	21.42	14477	746	9093	-2821	158	-2111	57.6	32.4	38	501
Light4	2022-09-29 21:05	9.6	5.03	21.37	16155	-255	6515	-3293	171	-1552	68.4	21.6	25	523
Light4	2022-09-29 21:05	9.6	5.01	21.29	16845	607	1609	-3768	-36	-667	85.2	4.8	69	441
Light4	2022-09-29 21:05	9.6	5.03	21.29	1602	756	17147	288	418	-3062	4.2	85.8	38	426
Light4	2022-09-29 21:05	9.6	5.03	21.29	7019	1384	15358	-957	158	-3092	23.4	66.6	37	373
Light4	2022-09-29 21:05	9.6	5.03	22.42	10531	596	13513	-1602	157	-2909	37.1	52.9	25	248
Light4	2022-09-29 21:05	9.6	5.03	22.42	11742	601	12500	-1961	157	-2738	42.5	47.5	27	590
Light4	2022-09-29 21:05	9.6	5.03	21.28	13797	1150	10103	-2624	72	-2313	53.3	36.7	38	461
Light4	2022-09-29 21:05	9.6	5.01	21.28	14919	1115	8361	-2948	53	-2010	60.5	29.5	40	368
Light4	2022-09-29 21:05	9.3	5.01	21.28	15014	1045	7909	-3001	60	-1958	62.1	27.9	40	430
Light4	2022-09-29 21:05	9.3	5.03	21.35	15861	1309	5640	-3310	21	-1583	70.4	19.6	50	345
Light4	2022-09-29 21:05	9.3	5.01	21.35	15850	1034	5816	-3334	15	-1532	70	20.0	47	347
Light4	2022-09-29 21:05	9.3	5.03	21.33	16537	1035	3361	-3611	5	-1043	78.8	11.2	61	482
Light4	2022-09-29 21:05	9.3	5.03	21.26	16692	1812	1841	-3767	-40	-662	81.7	8.3	82	542
Light4	2022-09-29 21:05	9.3	5.03	21.26	3850	95	15697	-245	478	-3111	12.6	77.4	36	554
Light4	2022-09-29 21:05	9.3	5.03	21.26	2179	1491	16465	87	505	-3080	6.3	83.7	49	554
Light4	2022-09-29 21:05	9.3	5.03	21.26	9349	1554	14558	-1640	321	-2861	31.5	58.5	52	345
Light4	2022-09-29 21:05	9.3	5.01	21.87	13160	1575	11126	-2479	253	-2406	49	41.0	51	356
Light4	2022-09-29 21:06	9.3	5.03	21.17	15457	1353	7636	-3187	225	-1711	63.4	26.6	59	408
Light4	2022-09-29 21:06	9.3	5.01	21.23	16877	989	3720	-3438	142	-1345	77.9	12.1	55	552
Light4	2022-09-29 21:06	9.3	5.03	21.23	16528	1040	4320	-3533	223	-1126	75.6	14.4	65	554
Light4	2022-09-29 21:06	9.3	5.03	21.27	16762	921	1145	-3789	232	-462	85.7	4.3	86	584
Light4	2022-09-29 21:06	9.3	5.03	21.33	758	700	16780	122	805	-3019	1.4	88.6	62	363
Light4	2022-09-29 21:06	9.3	5.01	22.15	7987	371	15238	-1475	737	-2844	26.6	63.4	61	373
Light4	2022-09-29 21:06	9.3	5.03	21.1	12009	1202	12125	-2449	589	-2335	43.9	46.1	67	378
Light4	2022-09-29 21:06	9.3	5.03	21.1	14282	985	9314	-2820	600	-1984	56.5	33.5	61	592
Light4	2022-09-29 21:06	9.3	5.03	21.16	14275	934	9200	-3015	569	-1780	56.9	33.1	69	582
Light4	2022-09-29 21:06	9.3	5.03	21.16	15547	917	6697	-3344	547	-1312	66.8	23.2	72	422
Light4	2022-09-29 21:06	9.3	5.01	21.22	15833	782	5690	-3444	596	-1104	70.5	19.5	73	503
Light4	2022-09-29 21:06	9.3	5.03	21.21	15519	640	6775	-3310	665	-1288	66.6	23.4	71	411
Light4	2022-09-29 21:06	9.3	5.03	21.22	16771	519	3799	-3674	590	-508	77.9	12.1	80	574
Light4	2022-09-29 21:06	9.3	5.03	21.22	16608	424	513	845	4488	366	88.3	1.7	167	405
Light4	2022-09-29 21:06	9	5.03	21.17	2978	913	17076	-685	823	-3013	8.8	81.2	78	527
Light4	2022-09-29 21:06	9	5.03	21.29	2908	1109	16901	-759	777	-3017	8.6	81.4	82	524
Light4	2022-09-29 21:07	9	5.03	21.13	7333	1778	15760	-1675	619	-2797	23.7	66.3	81	475
Light4	2022-09-29 21:07	9	5.03	20.99	11510	2187	12238	-2611	469	-2233	42	48.0	81	458
Light4	2022-09-29 21:07	9	4.27	20.99	526	24588	17426	6696	4502	366	0.6	89.4	122	3260
Light4	2022-09-29 21:07	9	5.03	21.23	13751	1403	9865	-3066	595	-1708	53.7	36.3	80	483
Light4	2022-09-29 21:07	9	5.03	21.28	15804	1482	6306	-3520	585	-927	68	22.0	83	499
Light4	2022-09-29 21:07	9	5.01	21.28	15882	1343	6257	-3514	591	-924	68.3	21.7	82	493
Light4	2022-09-29 21:07	9	5.03	21.23	16446	1175	3420	-3724	565	-354	78.4	11.6	85	591
Light4	2022-09-29 21:07	9	5.03	21.23	16858	1486	3107	-3764	587	-160	79.1	10.9	88	526
Light4	2022-09-29 21:07	9	5.01	21.23	16816	949	2080	-3778	627	62	83.2	6.8	90	479
Light4	2022-09-29 21:07	9	5.01	21.2	16673	1130	2011	-3780	609	-15	83	7.0	90	393
Light4	2022-09-29 21:07	9	5.03	21.2	16317	1235	3230	-3722	632	-285	78.8	11.2	87	517
Light4	2022-09-29 21:07	9	5.03	21.2	16533	425	3116	-3711	654	-285	80.2	9.8	83	524
Light4	2022-09-29 21:07	9	5.03	21.52	4602	-89	16614	-1485	1016	-2749	14.3	75.7	98	550
Light4	2022-09-29 21:07	9	5.03	21.28	11094	608	13431	-2665	822	-2041	38.7	51.3	92	324
Light4	2022-09-29 21:07	9	5.03	21.28	11668	566	11946	-2815	835	-1890	43.7	46.3	88	557
Light4	2022-09-29 21:07	9	5.03	21.37	15050	958	8623	-3412	708	-1077	59.9	30.1	88	553
Light4	2022-09-29 21:07	9	5.01	21.37	15879	1099	4934	-3711	666	-236	72.9	17.1	89	437
Light4	2022-09-29 21:07	9	5.03	21.37	16850	1507	2946	-3823	561	256	79.6	10.4	90	478
Light4	2022-09-29 21:07	9	5.01	21.26	16881	1184	1242	-3813	627	618	84.8	5.2	102	562
Light4	2022-09-29 21:07	9	5.01	21.26	16792	1247	988	-3816	626	619	85	5.0	109	443
Light4	2022-09-29 21:07	9	5.03	21.29	5425	1139	16293	-1868	715	-2665	17.2	72.8	108	343
Light4	2022-09-29 21:07	8.7	5.03	20.96	9662	1124	13828	-2710	633	-2085	33.9	56.1	105	345
Light4	2022-09-29 21:07	8.7	5.03	21.12	13227	1681	10199	-3406	518	-1215	51.6	38.4	100	509
Light4	2022-09-29 21:08	8.7	5.03	21.37	15092	527	7962	-3658	621	-489	62.2	27.8	97	592
Light4	2022-09-29 21:08	8.7	5.03	21.37	15423	633	8441	-3637	643	-562	61.2	28.8	97	566
Light4	2022-09-29 21:08	8.7	5.03	21.38	15128	518	7449	-3667	645	-451	63.9	26.1	95	551
Light4	2022-09-29 21:08	8.7	5.03	21.38	15196	904	7631	-3705	602	-345	63.3	26.7	96	525
Light4	2022-09-29 21:08	8.7	5.01	21.29	16459	992	1777	-3825	537	871	83.9	6.1	100	418
Light4	2022-09-29 21:08													

ID	Local Date & Time	Temperature	MSAS							Altitude	Zenith	Azimuth	Vibration	
			Voltage	(mag/arcsec ²)	Ax	Ay	Az	Mx	My	Mz				
Light4	2022-09-29 21:08	8.3	5.03	21.37	8772	1284	14729	-2941	365	-1951	29.7	60.3	131	504
Light4	2022-09-29 21:08	8.7	5.03	21.37	10698	712	13927	-3208	395	-1596	36.6	53.4	130	481
Light4	2022-09-29 21:08	8.7	5.03	21.07	12646	1200	11665	-3464	351	-1205	46.6	43.4	118	483
Light4	2022-09-29 21:08	8.3	5.03	21.39	14031	928	9135	-3717	398	-579	56.6	33.4	109	519
Light4	2022-09-29 21:08	8.3	5.01	21.39	15771	701	6512	-3882	352	171	67.8	22.2	97	300
Light4	2022-09-29 21:08	8.3	5.03	21.39	15826	613	5852	-3867	414	208	70.1	19.9	94	559
Light4	2022-09-29 21:08	8.3	5.03	21.26	16481	1247	3340	-3877	382	863	78.5	11.5	89	514
Light4	2022-09-29 21:08	8.3	5.01	21.2	16797	259	1188	-3809	447	1223	87.1	2.9	115	484
Light4	2022-09-29 21:09	8.3	5.03	21.94	3527	-112	16577	-2122	306	-2629	10.8	79.2	155	352
Light4	2022-09-29 21:09	8.3	5.03	22.14	8983	858	14520	-3084	136	-1837	30.7	59.3	148	570
Light4	2022-09-29 21:09	8.3	5.03	21.25	9090	595	14189	-3098	135	-1824	31.7	58.3	150	561
Light4	2022-09-29 21:09	8.3	5.03	21.25	12916	514	11613	-3670	100	-875	47.5	42.5	144	531
Light4	2022-09-29 21:09	8.3	5.03	21.25	14146	843	9091	-3817	76	-444	57	33.0	129	542
Light4	2022-09-29 21:09	8.3	5.03	21.35	14930	401	8077	-3934	37	-21	61.6	28.4	128	560
Light4	2022-09-29 21:09	8.3	5.03	21.33	16452	-421	4989	-3945	178	605	73.8	16.2	91	368
Light4	2022-09-29 21:09	8	5.03	21.17	16877	305	1770	-3859	27	1448	85.1	4.9	190	381
Light4	2022-09-29 21:09	8	5.03	21.18	17033	517	-553	-3763	-21	1791	86	4.0	290	599
Light4	2022-09-29 21:09	8.3	5.03	21.84	2563	240	16904	-2063	-306	-2703	7.4	82.6	186	342
Light4	2022-09-29 21:09	8.3	5.03	21.82	8326	-980	15571	-3082	-303	-1893	27	63.0	200	575
Light4	2022-09-29 21:09	8.3	5.01	21.82	8784	173	15035	-3125	-344	-1853	29.3	60.7	191	479
Light4	2022-09-29 21:09	8.3	5.03	21.05	8642	170	14377	-3145	-388	-1840	30	60.0	195	453
Light4	2022-09-29 21:09	8.3	5.03	21.05	8625	786	14348	-3155	-407	-1816	30	60.0	189	477
Light4	2022-09-29 21:09	8.3	5.03	21.05	8913	408	14190	-3186	-421	-1791	31.2	58.8	195	201
Light4	2022-09-29 21:09	8.3	5.01	21.05	9375	-18	14474	-3272	-397	-1680	32	58.0	198	481
Light4	2022-09-29 21:09	8	5.03	21.11	11440	701	12723	-3566	-514	-1223	41.2	48.8	204	531
Light4	2022-09-29 21:09	8	5.03	21.14	11753	1231	12176	-3612	-546	-1115	43.1	46.9	202	555
Light4	2022-09-29 21:10	8	5.03	21.22	14227	-671	9507	-3914	-261	-259	56.1	33.9	210	594
Light4	2022-09-29 21:10	8	5.01	21.23	16000	-466	5765	-4019	-279	634	70.7	19.3	276	429
Light4	2022-09-29 21:10	8	5.01	21.18	16779	40	1967	-3899	-387	1499	84.6	5.4	242	242
Light4	2022-09-29 21:10	8	5.01	21.18	16932	5	1732	-3854	-358	1609	85.4	4.6	229	391
Light4	2022-09-29 21:10	8	5.01	21.18	16904	-52	-34	-3731	-388	2010	88.3	1.7	27	548
Light4	2022-09-29 21:10	8	5.03	21.17	1296	-272	17428	-1830	-441	-2813	3.1	86.9	197	577
Light4	2022-09-29 21:10	8	5.03	21.17	3361	-321	16109	-2075	-440	-2697	10.6	79.4	201	591
Light4	2022-09-29 21:10	8	5.03	21.1	12228	-397	11681	-3659	-453	-1035	45.8	44.2	216	572
Light4	2022-09-29 21:10	8	5.03	21.1	14559	154	9540	-3900	-564	-356	56.6	33.4	236	471
Light4	2022-09-29 21:10	8	5.03	21.1	15127	-194	7962	-3980	-596	19	62.4	27.6	252	402
Light4	2022-09-29 21:10	8	5.01	21.12	16423	340	4788	-4016	-715	711	74.4	15.6	271	544
Light4	2022-09-29 21:10	8	5.03	21.12	16464	-40	4794	-4007	-610	796	74.5	15.5	273	318
Light4	2022-09-29 21:10	7.7	5.01	21.14	16850	435	1187	-3893	-667	1540	86.9	3.1	262	272
Light4	2022-09-29 21:10	7.7	5.03	21.17	16729	574	-897	-3727	-694	2012	84.7	5.3	350	485
Light4	2022-09-29 21:10	7.7	5.03	21.63	5267	574	16084	-2378	-830	-2451	17	73.0	215	519
Light4	2022-09-29 21:10	7.7	5.03	21.01	11382	566	12537	-3353	-994	-1476	41.5	48.5	240	382
Light4	2022-09-29 21:10	7.7	5.03	21.02	11187	921	12652	-3380	-1084	-1413	40.7	49.3	239	418
Light4	2022-09-29 21:10	7.7	5.03	21.02	13982	348	9551	-3707	-1229	-697	55.5	34.5	260	460
Light4	2022-09-29 21:10	7.7	5.01	21.08	13391	1488	10005	-3673	-1261	-750	52.6	37.4	255	360
Light4	2022-09-29 21:10	7.7	5.03	21.16	15821	11	6473	-3964	-1076	205	68.2	21.8	268	583
Light4	2022-09-29 21:10	7.7	5.03	21.14	16634	-57	2627	-3983	-966	980	82.2	7.8	267	341
Light4	2022-09-29 21:10	7.7	5.01	21.14	16812	226	737	-3874	-1018	1491	88.6	1.4	269	450
Light4	2022-09-29 21:11	7.7	5.03	21.14	1044	733	17445	-1031	-1261	-2843	2.3	87.7	245	359
Light4	2022-09-29 21:11	7.7	5.03	21.69	3887	820	16807	-1778	-1291	-2644	11.8	78.2	240	410
Light4	2022-09-29 21:11	7.7	5.03	21.69	8784	140	15329	-2674	-1273	-2106	28.8	61.2	248	355
Light4	2022-09-29 21:11	7.7	5.03	21.77	9684	1002	14339	-2855	-1413	-1894	33	57.0	250	498
Light4	2022-09-29 21:11	7.7	5.03	21.25	12190	196	12167	-3210	-1258	-1563	44.4	45.6	260	465
Light4	2022-09-29 21:11	7.7	5.03	21.23	13709	-84	9634	-3590	-1137	-1005	54.7	35.3	262	405
Light4	2022-09-29 21:11	7.7	5.03	21.24	15658	-1519	7331	-3811	-1044	-515	64.8	25.2	268	590
Light4	2022-09-29 21:11	7.7	5.03	21.25	14663	-471	7143	-3832	-1051	-441	64.3	25.7	266	276
Light4	2022-09-29 21:11	7.7	5.03	21.22	15940	-590	6009	-3936	-1117	26	69.8	20.2	269	407
Light4	2022-09-29 21:11	7.7	5.03	21.16	16830	482	1994	-3958	-1233	593	84.2	5.8	274	510
Light4	2022-09-29 21:11	7.4	5.03	21.16	-550	501	17003	-568	-1169	-2909	-3.1	93.1	251	434
Light4	2022-09-29 21:11	7.4	5.03	21.89	10615	230	13442	-2769	-1277	-2027	37.5	52.5	263	242
Light4	2022-09-29 21:11	7.4	5.03	21.33	12521	-585	11948	-3091	-1138	-1756	45.8	44.2	267	402
Light4	2022-09-29 21:11	7.4	5.03	21.33	14955	-1014	8764	-3536	-1156	-1094	59.5	30.5	271	204
Light4	2022-09-29 21:11	7.4	5.01	21.33	15488	42	6186	-3716	-1260	-670	68.7	21.3	276	492
Light4	2022-09-29 21:11	7.4	5.03	21.35	16062	-746	5784	-3780	-1176	-508	70.6	19.4	274	329
Light4	2022-09-29 21:11	7.4	5.03	21.35	16698	-99	2451	-3908	-1269	117	82.8	7.2	275	370
Light4	2022-09-29 21:11	7.4	5.03	21.29	16442	176	2175	-3907	-1293	126	83.7	6.3	278	478
Light4	2022-09-29 21:11	7.4	5.03	21.29	16928	-159	10	-3932	-1322	616	88.4	1.6	94	262
Light4	2022-09-29 21:11	7.4	5.03	21.23	-1169	-879	17617	-85	-931	-2960	-5.2	95.2	271	574
Light4	2022-09-29 21:11	7.4	5.03	21.23	5228	1209	16042	-1068	-1167	-2865	16.8	73.2	296	320
Light4	2022-09-29 21:11	7.4	5.03	21.23	6240	529	15660	-1453	-1151	-2793	20.6	69.4	284	216
Light4	2022-09-29 21:11	7.4	5.03	22.11	12394	-304	11555	-2794	-1060	-2076	46.5	43.5	284	371
Light4	2022-09-29 21:12	7.4	5.03	22.11	14774	-492	8753	-3324	-1146	-1457	59.3	30.7	281	343
Light4	2022-09-29 21:12	7.4	5.03	21.47	14682	491	8581	-3334	-1237	-1409	59.6	30.4	284	312
Light4	2022-09-29 21:12	7.4	5.03	21.47	16157	563	5144	-3646	-1347	-764	72.8	17.2	286	298
Light4	2022-09-29 21:12	7.4	5.03	21.47	16844	1463	1624	-3835	-1461	-36	83.2	6.8	319	383
Light4	2022-09-29 21:12	7.4	5.03	21.47	17067	1102	724	-3864	-1393	68	85.9	4.1	23	386
Light4	2022-09-29 21:12	7.4	5.03	21.32	8631	-614	14569	-1726	-771	-2806	29.7	60.3	302	513
Light4	2022-09-29 21:12	7.4	5.03	21.32	13680	-293	10164	-2927	-911	-1992	53.1	36.9	296	449
Light4	2022-09-29 21:12	7.4	5.03	22.6	16376	-761	5230	-3619	-869	-1022	72.8	17.2	286	270
Light4	2022-09-29 21:12	7.4	5.03	21.46	16978	292	-1821	-3960	-1067	243	81.9	8.1	92	502
Light4	2022-09-29 21:12	7.4	5.01	21.46	16583	331	-1478	-3972	-1048	352	82.9	7.1	91	310
Light4	2022-09-29 21:12	7.4	5.03	21.23	-483	77	17415	390	-562	-2946	-2.9	92.9	328	462
Light4	2022-09-29 21:12	7.4	5.03	21.23	9793	-331	13929	-1735						

MSAS															
ID	Local Date & Time	Temperature	Voltage	(mag/arcsec^2)	Ax	Ay	Az	Mx	My	Mz	Altitude	Zenith	Azimuth	Vibration	
Light4	2022-09-29 21:12	7	5.03	21.41	16421	-681	4668	-3485	-350	-1351	74.8	15.2	317	595	
Light4	2022-09-29 21:12	7	5.03	21.52	16342	-1251	3700	-3690	-319	-918	77.5	12.5	292	522	
Light4	2022-09-29 21:12	7	5.03	21.37	16648	-55	563	-3852	-213	-424	89.6	0.4	330	411	
Light4	2022-09-29 21:12	7	5.03	21.26	16867	362	26	-3853	81	-292	87.9	2.1	112	426	
Light4	2022-09-29 21:12	7	5.01	21.24	16822	650	1352	-3786	160	-457	85.9	4.1	80	373	

Appendix C

Limitations





Limitations

1. The work performed in the preparation of this report and the conclusions presented are subject to the following:
 - a. The Standard Terms and Conditions which form a part of our Professional Services Contract;
 - b. The Scope of Services;
 - c. Time and Budgetary limitations as described in our Contract; and
 - d. The Limitations stated herein.
2. No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our Contract, or the conclusions presented.
3. The conclusions presented in this report were based, in part, on visual observations of the Site and attendant structures. Our conclusions cannot and are not extended to include those portions of the Site or structures, which are not reasonably available, in WSP's opinion, for direct observation.
4. The environmental conditions at the Site were assessed, within the limitations set out above, having due regard for applicable environmental regulations as of the date of the inspection. A review of compliance by past owners or occupants of the Site with any applicable local, provincial or federal bylaws, orders-in-council, legislative enactments and regulations was not performed.
5. The Site history research included obtaining information from third parties and employees or agents of the owner. No attempt has been made to verify the accuracy of any information provided, unless specifically noted in our report.
6. Where testing was performed, it was carried out in accordance with the terms of our contract providing for testing. Other substances, or different quantities of substances testing for, may be present on-site and may be revealed by different or other testing not provided for in our contract.
7. Because of the limitations referred to above, different environmental conditions from those stated in our report may exist. Should such different conditions be encountered, WSP must be notified in order that it may determine if modifications to the conclusions in the report are necessary.
8. The utilization of WSP's services during the implementation of any remedial measures will allow WSP to observe compliance with the conclusions and recommendations contained in the report. WSP's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.
9. This report is for the sole use of the party to whom it is addressed unless expressly stated otherwise in the report or contract. Any use which any third party makes of the report, in whole or the part, or any reliance thereon or decisions made based on any information or conclusions in the report is the sole responsibility of such third party. WSP accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
10. This report is not to be given over to any third party for any purpose whatsoever without the written permission of WSP.
11. Provided that the report is still reliable, and less than 12 months old, WSP will issue a third-party reliance letter to parties that the client identifies in writing, upon payment of the then current fee for such letters. All third parties relying on WSP's report, by such reliance agree to be bound by our proposal and WSP's standard reliance letter. WSP's standard reliance letter indicates that in no event shall WSP be liable for any damages, howsoever arising, relating to third-party reliance on WSP's report. No reliance by any party is permitted without such agreement.