Sg 506

Date:	28 FEB 96	Time UT to Local Subtract	OPEN SKIES OVERFLIGHT DATA COLLECTION LONG	Latitude:	
Site:	EAFB		LUMINANCE = FOOT LAMBERTS ILLUMINANCE = FOOT CANDLES RADIANCE = MICROWATTS/STERIDIAN/CM²	Longitude:	
Operator:		8 Hours	IRRADIANCE = MICROWATTS /CM² PAGE 1 OF 2	Elevation:	

TIME (UT)	STANDARD Read	STANDARD Mult	STANDARD Value	BAR Read	BAR Mult	BAR Value	SPACE Read	SPACE Mult	SPACE Value	BACKGROUND Read	BACKGROUND Mult	BACKGROUND Value	RATIO	BAR % R	SPACE % R	BKGD % R	ILLUMIANCE IRRADIANCE ~~Foot Candles~~	
	(Photometer Measurement Units - Luminance (Foot Lamberts)																	
1800	6.70	2		3.73	2		5.92	1					6.4	56	8.8		670	684
RAD	15.18	2		8.20	2		12.08	1					6.8	54	7.9		1518	4864
1815	7.01	2		3.89	2		5.81	1					6.7	55	8.2		701	715
RAD	15.79	2		8.49	2		12.64	1					6.75	54	8.0		1579	5059
1830	7.28	2		4.00	2		6.05	1					6.6	55	8.3		728	743
RAD	16.40	2		8.90	2		13.19	1					6.75	54	8.0		1640	5255
1843	7.57	2		4.20	2		6.29	1					6.6	55	8.3		757	772
RAD	16.95	2		9.19	2		13.70	1					6.6	54	8.1		1695	5604
1851	7.65	2		4.24	2		6.43	1					6.5	55	8.4		765	781
RAD	17.20	2		9.30	2		14.10	1					6.6	54	8.2		1720	5511
1858	7.75	2		4.30	2		6.51	1					6.5	55	8.4		775	791
RAD	17.35	2		9.42	2		14.22	1					6.6	54	8.2		1735	5559
1907	7.85	2		4.36	2		6.55	1					6.6	55	8.3		785	801
RAD	17.65	2		9.63	2		14.21	1					6.75	54	8.0		1765	5655
1914	7.96	2		4.44	2		6.65	1					6.6	55	8.3		796	812
RAD	17.90	2		9.77	2		14.50	1					6.8	55	8.1		1790	5745
1935	8.05	2		4.56	2		6.82	1		6.27	1		6.7	57	8.5	8.4	805	821
RAD	17.95	2		9.84	2		14.98	1		2.42	2		6.6	55	8.3	13.5	1795	5751
1942	8.06	2		4.51	2		6.82	1		6.50	1		6.6	56	8.5	8.1	806	822
RAD	18.02	2		9.88	2		14.88	1		2.66	2		6.6	55	8.3	14.8	1802	5774
1955	8.16	2		4.57	2		7.09	1		12.14	1		6.4	56	8.7	14.8	816	833
RAD	18.22	2		10.00	2		15.46	1		3.67	2		6.5	55	8.5	20.1	1822	5838
2001	8.14	2		4.59	2		7.05	1		19.25	1		6.5	56	8.7	23.6	814	831
RAD	18.17	2		9.95	2		15.40	1		5.15	2		6.5	55	8.5	28.3	1817	5822

P.02/07 10:35 Mar 4 '96 Fax:1-703-8104893 OSIA/OPEN SKIES DIV

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Date:	28 FEB 96	Time UT to Local Subtract	OPEN SKIES OVERFLIGHT DATA COLLECTION LONG	Latitude:	
Site:				Longitude:	
Operator:		8 Hours	PAGE 2 OF 2	Elevation:	

TIME (UT)	STANDARD Read	STANDARD Mult	STANDARD Value	BAR Read	BAR Mult	BAR Value	SPACE Read	SPACE Mult	SPACE Value	BACKGROUND Read	BACKGROUND Mult	BACKGROUND Value	RATIO	BAR % R	SPACE % R	BKGD % R	ILLUMIANCE Foot Candles	
	(Photometer Measurement Units - Luminance (Foot Lamberts)																	
2009	8.11	2		4.57	2		6.90	1		17.75	1		6.6	56	8.5	21.8	811	828
RAD	18.17	2		9.95	2		14.99	1		4.86	2		6.7	55	8.2	26.7	1817	5822
2015	8.11	2		4.56	2		6.83	1		17.15	1		6.6	56	8.4	21.1	811	828
RAD	18.11	2		9.96	2		14.86	1		9.09	2		6.7	55	8.2	28.1	1811	5803
2022	8.05	2		4.48	2		6.93	1		2.06	2		6.5	56	8.6	25.6	805	821
RAD	17.99	2		9.79	2		15.10	1		5.56	2		6.5	54	8.4	31.0	1799	5764
2029	8.02	2		4.46	2		6.94	1		14.90	1		6.4	56	8.7	18.6	802	818
RAD	17.95	2		9.76	2		15.07	1		4.08	2		6.5	54	8.4	22.7	1795	5754
2037	7.92	2		4.56	2		6.62	1		6.09	2		6.9	58	8.4	26.9	792	808
RAD	17.70	2		9.91	2		14.40	1		13.32	2		6.9	56	8.1	25.3	1770	5674
2044	7.92	2		4.50	2		6.78	1		6.05	2		6.6	57	8.6	26.4	792	808
RAD	17.69	2		9.83	2		14.62	1		13.20	2		6.7	56	8.3	24.6	1769	5668
2051	7.86	2		4.46	2		6.79	1		5.99	2		6.6	57	8.6	26.2	786	802
RAD	17.45	2		9.70	2		14.68	1		13.09	2		6.6	56	8.4	25.0	1745	5591
2058	7.75	2		4.40	2		6.78	1		5.98	2		6.5	57	8.7	27.2	775	791
RAD	17.30	2		9.57	2		14.65	1		13.11	2		6.5	55	8.5	25.8	1730	5543
2109	7.66	2		4.36	2		6.65	1		6.02	2		6.5	57	8.7	28.6	766	782
RAD	17.06	2		9.50	2		14.46	1		13.15	2		6.5	56	8.5	27.0	1706	5355
2115	7.51	2		4.29	2		6.52	1		5.96	2		6.6	57	8.7	29.4	751	766
RAD	16.83	2		9.33	2		14.05	1		13.08	2		6.7	55	8.3	27.7	1683	5392
2122	7.39	2		4.20	2		6.33	1		5.92	2		6.6	57	8.6	30.1	739	754
RAD	16.70	2		9.28	2		13.62	1		12.99	2		6.7	56	8.2	27.8	1670	5243
2130	7.29	2		4.15	2		6.30	1		5.57	2		6.6	57	8.6	26.4	729	744
RAD	16.43	2		9.16	2		13.46	1		12.26	2		6.7	58	8.3	25.0	1643	5158

28 FEB

LOW CLOUDS AND HAZE ON THE HORIZONS WERE EVIDENT THROUGHOUT THE MISSION. CLEAR CONDITIONS OVER THE TARGET EXISTED HOWEVER.
BACKGROUND MEASUREMENTS WERE NOT COLLECTED UNTIL 1935 DUE TO WET CONDITIONS AROUND THE TARGET. THE AS TARGET AND BRIGHTNESS PANELS WERE DRY, HOWEVER THE TRI-DENSITY AREA REMAINED FAIRLY WET.
COLLECTION MEASUREMENTS WERE ACQUIRED FROM BAR GROUP 3 1800 – 1935, BAR GROUP 6 1935 – 2029 BAR GROUP 5 2037 – 2130.
THE TARGET REMAINED CONSTANT THROUGHOUT THE MISSION WITH ONLY MINOR FLUCTUATIONS.