SAND TDI-DEN

Date:	29FEB96	Time UT to Local Subtract	OPEN SKIES OVERFLIGHT DATA COLLECTION LONG
Site:	EAFB	8 Hours	LUMINANCE = FOOTLAMBERTS ILLUMINANCE = FOOTCANDLES RADIANCE = IRRADIANCE =
Operator:	PAINE		PAGE 1 OF 2

Latitude:
Longitude:
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	ILLUMINANCE IRRADIANCE ~~Foot Candles~~	
	(Photometer Measurement Units - Luminance ~~(Foot Lamberts)~~)																	
2100	7.13	2		3.85	2		5.26	1		5.18	2		7.3	54	7.4	73	713	728
2118	7.74	2		4.50	2		6.67	1		5.55	2		7.8	58	7.4	71	774	790
RAD	17.55	2		9.57	2		14.50	1		11.89	2		6.6	55	8.3	68	1755	5623
2125	7.82	2		4.28	2		6.59	1		5.33	2		6.4	55	8.5	68	782	798
RAD	17.51	2		9.36	2		14.55	1		11.51	2		6.4	53	8.3	65.8	1751	5610
2132	7.84	2		4.39	2		6.60	1		5.47	2		6.6	56	8.4	69.7	784	800
RAD	17.22	2		9.36	2		14.16	1		11.73	2		6.6	54	8.2	68.1	1722	5517
2139	7.53	2		4.20	2		6.29	1		5.23	2		6.6	56	8.4	69.5	753	768
RAD	16.58	2		8.99	2		13.57	1		11.26	2		6.6	54	8.2	68	1658	5312
2146	7.51	2		4.16	2		6.23	1		5.20	2		6.7	55	8.3	69.2	751	766
RAD	16.44	2		8.97	2		13.30	1		11.22	2		6.7	55	8.1	68.2	1644	5268
2153	7.30	2		4.06	2		6.06	1		5.09	2		6.7	56	8.3	69.7	730	745
RAD	16.06	2		8.73	2		13.08	1		10.96	2		6.7	54	8.1	68.2	1606	5146
2200	6.76	2		3.81	2		5.77	1		4.83	2		6.6	56	8.5	71.5	676	690
RAD	15.07	2		8.32	2		11.96	1		10.45	2		6.9	55	7.9	69.3	1507	4829
2207	6.77	2		3.78	2		5.52	1		4.77	2		6.8	56	8.2	70.5	677	691
RAD	15.20	2		8.20	2		12.40	1		10.40	2		6.6	54	8.2	68.4	1520	4870
2213	6.52	2		3.58	2		5.39	1		4.52	2		6.7	55	8.3	69.3	652	665
RAD	14.15	2		7.90	2		11.40	1		10.01	2		6.9	56	8.1	70.7	1415	4548
2220	6.60	2		3.73	2		5.37	1		4.38	2		6.9	57	8.1	66.4	660	673
RAD	14.68	2		7.99	2		11.99	1		10.35	2		6.6	54	8.2	70.5	1468	4704
2233	6.51	2		3.51	2		5.19	1		15.51	1		6.8	54	7.9	73.8	651	664
RAD	14.40	2		8.22	2		11.36	1		3.80	2		7.3	57	7.8	26.4	1440	4614
2240	6.03	2		3.48	2		4.85	1		8.20	1		7.2	58	8.0	13.6	603	615
RAD	13.30	2		7.48	2		10.70	1		2.85	2		6.9	56	8.1	21.4	1330	4173

P.05/07 10:38 Mar 4 '96 Fax:1-703-8104893 OSIA/OPEN SKIES DIV

2351 SUN BROKE THRU

Date:	29 FEB 96	Time UT to Local Subtract	OPEN SKIES OVERFLIGHT DATA COLLECTION LONG	Latitude:	
Site:	EDFB			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)																	
2247	5.11	2		2.97	2		4.25	1		13.08	1		7.0	58	8.3	25.6	511	521
RAD	11.37	2		6.25	2		9.09	1		3.75	2		6.8	55	8.0	33.0	1137	3643
2253	4.54	2		2.85	2		3.25	1		14.52	1		7.6	63	8.3	32.0	454	463
RAD	11.72	2		5.88	2		9.52	1		3.82	2		6.1	50.2	8.1	32.6	1172	3755
2300	5.57	2		3.19	2		4.65	1		13.60	1		6.9	57	8.3	24.4	557	566
RAD	12.46	2		6.98	2		10.00	1		3.84	2		7.0	56	8.0	30.8	1246	3992
2308	5.30	2		2.93	2		4.33	1		13.52	1		6.7	55	8.2	25.5	530	541
RAD	7.46	2		3.86	2		5.63	1		3.79	2		6.9	52	7.5	51.0	746	2390
2315	19.09	1		10.80	1		15.33	0		10.74	1		7.0	57	8.1	54.0	190	194
RAD	3.98	2		2.18	2		3.16	1		9.10	1		6.9	55	7.9	22.8	398	1275
2322	19.34	1		11.72	1		14.70	0		2.80	1		7.9	60	7.6	19.5	193	197
RAD	3.67	2		2.02	2		2.99	1		6.96	1		6.8	55	8.1	19.1	367	1176
2329	17.82	1		10.12	1		15.08	0		2.75	1		6.7	57	8.5	15.4	178	182
RAD	3.74	2		2.07	2		2.99	1		6.88	1		6.9	55	8.0	18.4	374	1198
2336	17.96	1		10.02	1		15.02	0		2.92	1		6.6	56	8.4	16.3	179	183
RAD	4.06	2		2.21	2		3.22	1		8.31	1		6.9	54	7.9	20.4	406	1301
2344	17.85	1		9.75	1		15.80	0		3.61	1		6.2	55	8.8	20.2	178	182
RAD	6.18	2		3.44	2		3.75	1		12.08	1		9.1	56	6.1	19.6	618	1980
2351	19.32	1		11.21	1		2.90	1		15.76	0		3.9	58	15.0	8.1	193	197
RAD	9.39	2		4.24	2		7.95	1		10.17	1		5.3	45	8.5	10.8	939	3009

OSIA/OPEN SKIES DIV Fax:1-703-8104893 Mar 4 '96 10:39 P.06/07

29 FEB

LIGHT CLOUDS AND HAZE WERE EVIDENT UNTIL 2308 WHEN CLOUDS OBSCURED THE SUN FROM DIRECT ILLUMINATION OF THE TARGET. THIS CLOUD COVER CAUSED PROBLEMS WITH THE COLLECTION OF GROUND TRUTH DATA, PERCENTAGES AND RATIO WERE ADVERSELY AFFECTED.

MEASUREMENTS WERE TAKEN FROM THE BRIGHTNESS PANELS, 2100 - 2220 BAR GROUP 5, 2233 - 2300 AND BAR GROUP 6, 2308 - 2351.

BACKGROUND MEASUREMENTS WERE TAKEN FIRST FROM THE 70% TRI DENSITY AREA, THEN THE SAND + VEGETATION AREAS.