

FLATLANDERSSM

Earth Observation Data

Date	Location	Distance in Miles	Type	Time	Viewer Height in Feet	Metabunk Refracted Hidden in Feet	Earth Bulge (Sagitta) in Feet	Air Temp in °F	Air %RH	Wet Bulb	Wet Bulb %RH	Dew Point in °F	Humidity in %	Wind Speed	Local Barometer Measured hPa	Pressure in Inches	Precip. in Inches	Cond.	Water Temp Measured in °F	Water Temp Daily Average in °F	Water Temp Daily Low in °F	Water Temp Daily High in °F	Altimeter App	Altimeter GPS 84	
6-10-18	Salton Sea, CA — Capri to Rec	9.82	Helium Balloon—28' 6" Dia	7:05AM	5	26.92	16.08	80				31	17	14 W		29.76	0.0	Fair		82.9	83	83.3			
6-27-18	Salton Sea, CA — Capri to Rec	9.77	Laser—10MW Green	3:09AM	5	26.53	15.91	78				37	23	3 NW		29.78	0.0	Fair		86.2	83.5	87.8			
7-12-18	Salton Sea, CA — Capri to Rec	9.77	Laser—3W Blue	9:39PM	3	31.97	15.91	93				68	44	5 SSW		29.90	0.0	Mostly Cloudy		88.7	83.7	90.1			
7-12-18	Salton Sea, CA — Rec to Capri	9.77	Tactical Light	10:00PM	3	31.97	15.91	93				68	44	5 SSW		29.90	0.0	Mostly Cloudy		88.7	83.7	90.1			
7-28-18	Salton Sea, CA — Rec to Capri	9.77	Mirror	4:51PM	5	26.53	15.91	109.2				65	24	20 SE	1015.32	29.79	0.0	Partly Cloudy	95.9						
9-29-18	Monterey Bay, CA — Pacific Grove to Moss Landing	13.21	Mirror	6:18PM	3.5	65.87	29.09	68				52	56	12 SSW		29.65	0.0	Partly Cloudy		57.2	56.1	62.4			
3-16-19	Salton Sea, CA — Tower 13 to Capri	11.34	Mirror	4:11PM	4	43.21	21.44	80.7	19.9	62	21.2	31	40	7 NW	1014.11	29.99	0.0	Fair	65	55.4	52	57.7	-235		
3-16-19	Salton Sea, CA — Bombay to Capri	17.60	Mirror	5:30PM	3	127.83	51.64	85.6	15.8			34.5	11	8.1 NNW	1013.49	29.94	0.0	Partly Cloudy	62	55.4	52	57.7	-235.9	-233.5	
3-16-19	Salton Sea, CA — Bombay to Capri	17.58	Laser—3W Blue	8:53	4	127.48	51.53	83				37	38	5 NW		30.01	0.0	Partly Cloudy		63.1	62.1	74.7			
3-16-19	Salton Sea, CA — Capri to Bombay	17.58	Laser—1W Green	8:53	4	127.48	51.53	83				37	38	5 NW		30.01	0.0	Partly Cloudy		63.1	62.1	74.7			
6-1-19	Salton Sea, CA — Rec Area to Salton Beach	12.01	Mirror	7:28PM	4	50.12	24.05	84.7	59.9	74.3	60.5	68.9	59.4	9 SE	1003.18	29.68	0.0	Fair	83.3	78.1	63.7	82.2			
6-1-19	Salton Sea, CA — Salton Beach to Rec Area	12.01	Mirror	7:28PM	4	50.12	24.05	84.7	59.9	74.3	60.5	68.9	59.4	9 SE	1003.18	29.68	0.0	Fair	83.3	78.1	63.7	82.2			
6-2-19	Salton Sea, CA — Rec Area to Capri	9.77	Mirror	4:29PM	5	26.53	15.91	90.6	37.2	70.8	34.9	39		7 ENE		29.73	0.0	Fair	86.5	78.6	64	82.4	-231.6	-229.4	
6-2-19	Salton Sea, CA — Capri to Rec Area	9.77	Mirror	4:29PM	5	26.53	15.91	90.6	37.2	70.8	34.9	39		7 ENE		29.73	0.0	Fair	86.5	78.6	64	82.4	-231.6	-229.4	
11-1-19	Salt Flats, UT— Floating Island Dike Road	11.49	Laser—10MW Green, Studio lights 400W	8:15PM	4	44.71	22.01	34				14	44	3 WNW	1032.50	26.08	0.0	Fair							
11-2-19	Salt Flats, UT— Frontage Road	35.2	Laser—10MW Green	10:09PM	4	605.75	206.57	30				17	60	2 ENE	1026.03	30.26	0.0	Fair, Air Quality Index 38					4234		
1-5-20	Point Dume, CA — Mt. San Jacinto	123	Infrared over Land/Water	3:49PM	150	6518.65	2522.24	63				47	56	9 WSW		30.07	0.0	Mostly Cloudy		57.7	56.4	59.1		150	
1-10-20	Salton Sea, CA — South Shore to Capri	27.55	Mirror	1:53PM	17	279.07	126.54	67				24	20	12 N		30.25	0.0	Fair		57.6	56.7	74.3			
1-10-20	Salton Sea, CA — South Shore to Capri	27.55	Laser—1W Green, SW Blue	6:18PM	17	279.07	126.54	58.1	26.2			23	39	3 S	1023.38	30.20	0.0	Fair, Air Quality Index 33	39.5						
1-23-20	Salt Flats, UT— Frontage Road: Source Location	35.5	Laser—1W Green	9:10PM	4	616.96	210.11	33		85		28	62	3 SSE	1023	25.87	0.0	Mostly Cloudy					4241.1	4246.7	
1-24-20	Salt Flats, UT— Frontage Road	10	Laser—1W Green	2:19AM	4	30.92	16.67	30.2		85					1023									4211.6	
1-24-20	Salt Flats, UT— Frontage Road	17.5	Laser—1W Green	2:58AM	4	126.12	51.06	30.2		85		28	62	3 SSE	1023	25.87	0.0	Mostly Cloudy						4194.2	
1-24-20	Salt Flats, UT— Frontage Road	25	Laser—1W Green	3:20AM	4	285.63	104.20	33		85		28	82	0	1023	25.82	0.0	Cloudy						4216.5	
1-24-20	Salt Flats, UT— Frontage Road	35.5	Laser—1W Green	3:47 AM	4	616.96	210.11	33		85		28	82	0	1023	25.82	0.0	Cloudy						4216.5	
1-24-20	Salt Flats, UT— Frontage Road, Train Tracks	35.89	Laser—1W Green, SW Blue	9:03PM	4	631.70	214.75	34				33	92	4 NW	873.44	30.18	0.1	Fair					4241	4246.7	
1-24-20	Salt Flats, UT— Frontage Road, Train Tracks	35.89	Laser—1W Green, SW Blue	11:57PM	4	631.70	214.75	30.2		92		26	85	3 NW	1023	25.85	0.0	Fair						4222	
1-25-20	Salt Flats, UT— Floating Island Dike Road Horizontal Test Start-Point A	6.80	Flood lights	8:15 PM Start	4	9.87	7.71	35.6		88		32	89	0	1023	25.85	0.0	Coudy						4225	
1-25-20	Salt Flats, UT— Floating Island Dike Road Horizontal Test Mid-Point B	9.53	Flood lights		8	19.15	15.14																		
1-25-20	Salt Flats, UT— Floating Island Dike Road Horizontal Test End-Point C	13.75	Flood lights		8	57.26	31.82																		
1-25-20	Salt Flats, UT— Floating Island Dike Road Horizontal Sagitta Test	10.35	Flood lights	8:15 PM Start 9:45 PM End	4/8		17.86	35.6		88		32	89	0	1023	25.85	0.0	Coudy						4225	
1-25-20	Salt Flats, UT— Floating Island Dike Road Horizontal Test End-Point C	13.75	Laser—1W Green	10:00 PM Start	8	57.26	31.82	30.2		92		32	93	3 NW	1020	25.87	0.0	Cloudy						4225	
1-25-20	Salt Flats, UT— Floating Island Dike Road Horizontal Test Mid-Point B	9.53	Laser—1W Green		8	19.15	15.14																		
1-25-20	Salt Flats, UT— Floating Island Dike Road Horizontal Test Start-Point A	6.80	Laser—1W Green	12:25AM End	4	9.87	7.71																		
1-25-20	Salt Flats, UT— Floating Island Dike Road Horizontal Sagitta Test	10.35	Laser—1W Green	10:00 PM Start 12:25AM End	4/8		17.86	30.2		92		32	93	3 NW	1020	25.87	0.0	Cloudy						4225	
1-27-20	Bear Lake, UT/ ID	18.74	Laser—1W Green, SW Blue	8:59PM	4	148.06	58.55	37.5 to 25		85	67			4 NNE	1025			Partly Cloudy	32.7					5932.8	5933.1
AVERAGES		20.26				356.88	131.24																		
Averages in Meters		32.61 km				108.78m	40m																		
Longest Observation To Date:		35.89 Miles Distance				631.7 Feet Refracted Hidden	214.75 Feet Sagitta (Earth Bulge)																		
Most Extreme Air Temperatures		Highest 109.2 °F	Lowest 25 °F																						
Most Extreme Water Temperatures		Highest 95.9 °F	Lowest 32.7 °F																						
Highest Sustained Wind Speed		20 mph																							
Number of Land Observations		17.5																							
Number of Observations Over Water		17.5																							
Total Observations to Date		35																							
Same Day Extremes																									
Date	Location	Distance in Miles	Type	Time	Viewer Height in Feet	Metabunk Refracted Hidden in Feet	Earth Bulge (Sagitta) in Feet	Air Temp in °F	Air %RH	Wet Bulb	Wet Bulb %RH	Dew Point in °F	Humidity in %	Wind Speed	Local Barometer Measured hPa	Pressure in Inches	Precip. in Inches	Cond.	Water Temp Measured in °F	Water Temp Daily Average in °F	Water Temp Daily Low in °F	Water Temp Daily High in °F	Altimeter App	Altimeter GPS 84	
3-16-19	Salton Sea— Bombay to Capri	17.60	Mirror	5:30PM	3	127.83	51.64	85.6	15.8			34.5	11	8.1 NNW	1013.49	29.94	0.0	Partly Cloudy	62	55.4	52	57.7	-235.9	-233.5	
3-16-19	Salton Sea— Bombay to Capri, Capri to Bombay	17.58	Laser—3W Blue, 1W Green	8:53PM	4	127.48	51.53	83				37	38	5 NW		30.01	0.0	Partly Cloudy		63.1	62.1	74.7			
1-10-20	Salton Sea— South Shore to Capri	27.55	Mirror	1:53PM	17	279.07	126.54	67				24	20	12 N		30.25	0.0	Fair		57.6	56.7	74.3			
1-10-20	Salton Sea— South Shore to Capri	27.55	Laser—1W Green, SW Blue	6:18PM	17	279.07	126.54	58.1	26.2			23	39	3 S	1023.38	30.20	0.0	Fair, Air Quality Index 33	39.5						