SEVERE LOCAL STORMS, MARCH 1942

[The table herewith contains such data as has been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Great Valley and Mountain Counties, Va.	2-3			2	$90,000	Blizzard	Snow depths ranged from 6 to 30 inches. Traffic disrupted for several days throughout most of the mountain counties. Schools closed in many places and at Meadows of Dan children were marooned in schools for 2 days. Cost of clearing highways approximately $90,000.
Buffalo, N. Y.	3				50,000	Wind	Property damaged.
Richmond, Va., and vicinity	9	10 a. m.-6 p. m.			1,000	High winds	Signboards wrecked; trees uprooted or broken; telegraph and electric lines damaged; 2 persons injured.
Camden, S. C.	15	11:30 a. m.	880		3,500	Thunderstorm and hail.	Roofs and communication lines damaged; many trees uprooted; path 2½ miles long. Damage from hail, $1,000 given in the estimate above.
El Rena, Okla., and vicinity	15	8:20-8:50 p.m.			200,000	Hail	Much property damaged. Gardens and crops not far enough advanced to be materially affected.
Britton, Okla.	15	8:45-9:20 p.m.	[1] 6		3,000	do	About 50 percent of the stones were as large as golf balls or slightly larger and many remained on the ground the following morning. Considerable damage to greenhouses and other property, principally windows and roofs of dwellings. Little or no crop loss; path 12 miles long.
Canadian and Kingfisher Counties, Okla.	15		300-1,760	0	30,300	Tornado	Storm struck in the western portion of Okarche, in the extreme northern portion of Canadian County at 11:10 p. m., and moved in a northeasterly direction for about 12 miles, finally disappearing a few miles east of Kingfisher. Property damaged, 1 person injured, and chickens and farm animals killed.
Sylvania, Leitchfield, Stephensburgh, and Bardstown, Ky., and vicinities.	16	5:40-7:20 p.m.		24	312,000	do	Property damaged.
Shelbyville, Mays, and Lewisville, Ind.	16	6 p. m.	400	0	300,000	do	Most of the damage occurred at Shelbyville, where 7 persons were injured. Some damage at Mays and Lewisville.
Goshen and Plymouth, Ind.	16	9:30 p. m.	167	2	400,000	do	Most of the damage at Goshen where 32 persons were injured and 87 houses damaged. Some damage at Plymouth.
West Union, Ind., vicinity of	16	10 p. m.	17	0	1,000	do	Path from southwest to northeast; no details.
Champaign, Vermillion, Fulton, Knox, Marshall, and Logan Counties, Ill.	16			20	859,000	do	115 residences and 86 barns destroyed; many others damaged with more tha 120 persons injured. About 85 percent of all losses occurred to town property at Alvin, in Vermillion County, and Lacon, in Marshall County.
Leflore, Carroll, Granada, Yalobusha, Calhoun, Lafayette, Pontotoc, Union, Lee, Prentis, Marshall, and Benton, Counties, Miss.	16			65		do	Property damage not estimated. Power and electric lines crippled; some livestock killed. Greatest loss to residence, farm buildings, and equipment. 500 persons were injured.
New York State, western counties.	16-17				1,000,000	Heavy rains	Many streams overflowed, inundating roads, bridges, and farms. In Chautauqua County, many cattle drowned and schools and manufacturing plants were forced to close. In Mayville a train was derailed.
Norway, S. C., vicinity of	17	6:30 p. m.	440	0	25,000	Tornado	There were 13 homes, 1 school, and a number of outbuildings demolished. 7 persons injured by falling debris.
Brookings, Moody, Minnehaha, and Lincoln Counties, S. Dak.	19-20	2:39 p. m.-5:13 a. m.	80		50,000	Clinging, wet snow	Especially severe in Minnehaha County. Damage to communication lines and trees.
South Dakota, eastern half	25-27				100,000	High wind and wet snow.	Communication lines disrupted; traffic halted and highways blocked, and schools closed for several days.

[1] Miles instead of yards.

SOLAR RADIATION AND SUNSPOT DATA FOR MARCH 1942

[Solar Radiation Investigations Section, I. F. HAND in charge]

SOLAR RADIATION OBSERVATIONS

Explanations of the tables, and references to descriptions of instruments, stations and methods of observation, and to summaries of data, are given in the January 1942 REVIEW, p. 20.

TABLE 1.—*Solar radiation intensities during March 1942*

[Gram-calories per minute per square centimeter of normal surface]

MADISON, WIS.

Date	Sun's zenith distance										
	7:30 a. m.	78.7°	75.7°	70.7°	60.0°	0.0°	60.0°	70.7°	75.7°	78.7°	1:30 p. m.
	75th mer. time	Air mass									Local mean solar time
		A. M.				P. M.					
	e.	5.0	4.0	3.0	2.0	*1.0	2.0	3.0	4.0	5.0	e.
	mm.	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*mm.*
Mar. 3	2.87		0.96	1.06	1.26	1.60	1.33				2.87
Mar. 9	2.36				1.35	1.56					3.00
Mar. 10	2.74		.98	1.10	1.24						2.74
Mar. 12	3.15		1.02	1.14	1.25	1.41					3.15
Mar. 19	3.63	0.87	.96	1.11	1.28	1.55					4.37
Mar. 23	3.00						1.24				3.00
Mar. 31	3.99			.54	.74	1.28					3.63
Means		(.87)	.98	.99	1.19	1.48	(1.28)				
Departures		−.01	−.02	−.15	−.11	−.08	−.02				

TABLE 1.—*Solar radiation intensities during March 1942*—Continued

[Gram-calories per minute per square centimeter of normal surface]

LINCOLN, NEBR.

Date	Sun's zenith distance										
	7:30 a. m.	78.7°	75.7°	70.7°	60.0°	0.0°	60.0°	70.7°	75.7°	78.7°	1:30 p. m.
	75th mer. time	Air mass									Local mean solar time
		A. M.				P. M.					
	e.	5.0	4.0	3.0	2.0	*1.0	2.0	3.0	4.0	5.0	e.
	mm.	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*mm.*
Mar. 2	2.62	1.04	1.13	1.24	1.38		1.41	1.27	1.16	1.09	3.45
Mar. 4	4.57						1.38	1.22	1.12	1.01	4.57
Mar. 5	3.81	.94	1.05								4.75
Mar. 8	3.45		1.05	1.20	1.36						3.63
Mar. 9	3.30	.96	1.05	1.16	1.31						4.75
Mar. 11	3.00						1.29	1.14	1.03	.94	4.17
Mar. 21	3.45	1.01	1.09	1.20	1.38		1.27	1.14	1.03	.92	3.63
Mar. 22	3.63						1.25	1.06	.92	.84	6.15
Mar. 23	3.57	.62	.83	.97	1.16						7.04
Means		.91	1.03	1.15	1.32		1.32	1.17	1.05	.96	
Departures		+.06	+.09	+.05	+.04		+.04	+.08	+.11	+.14	

TABLE 1.—*Solar radiation intensities during March 1942*—Continued

[Gram-calories per minute per square centimeter of normal surface]

ALBUQUERQUE, N. MEX.

Date	Sun's zenith distance										
	7:30 a. m.	78.7°	75.7°	70.7°	60.0°	0.0°	60.0°	70.7°	75.7°	78.7°	1:30 p. m.
	75th mer. time	Air mass									Local mean solar time
		A. M.					P. M.				
	e.	5.0	4.0	3.0	2.0	*1.0	2.0	3.0	4.0	5.0	e.
	mm.	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*mm.*
Mar. 1	3.15	------	------	------	1.34	1.57	1.39	1.26	1.14	1.05	3.63
Mar. 2	2.74	1.06	1.17	1.31	1.45	1.58	1.44	------	1.20	1.09	2.87
Mar. 4	4.37	------	------	------	------	1.62	1.42	1.29	1.18	1.02	2.87
Mar. 5	1.96	1.01	1.11	1.25	1.39	1.59	1.39	1.25	1.10	1.00	2.26
Mar. 8	1.96	------	------	------	1.40	1.65	1.42	1.28	1.14	1.03	2.49
Mar. 9	2.74	------	------	------	1.41	1.66	1.42	------	------	------	2.87
Mar. 10	3.00	1.00	1.22	1.22	1.40	------	------	------	------	------	2.87
Mar. 13	3.63	1.02	1.10	------	1.42	------	------	------	------	------	3.30
Mar. 14	3.30	1.02	1.12	1.25	1.41	------	------	1.23	------	------	2.62
Mar. 15	4.37	------	------	1.24	------	------	------	------	------	------	3.00
Mar. 17	2.74	1.01	1.14	------	------	1.64	1.38	1.20	1.09	.97	2.87
Mar. 18	2.36	1.04	1.11	1.25	------	------	------	------	------	------	3.15
Mar. 19	2.74	1.00	1.11	1.24	1.39	------	------	------	------	------	3.30
Mar. 20	2.49	.99	1.08	1.19	------	1.61	1.37	1.25	1.12	1.03	2.06
Mar. 21	2.06	1.02	1.13	1.26	1.41	1.67	1.37	1.24	1.14	1.03	1 88
Mar. 22	1.52	1.00	1.11	1.28	1.40	1.57	1.36	1.20	1.09	1.00	2.36
Mar. 26	3.00	1.00	1.11	1.24	1.39	1.61	------	------	------	------	2.36
Mar. 27	2.06	1.05	1.13	1.26	1.42	1.58	1.40	1.23	1.14	1.04	2.26
Mar. 28	1.52	1.01	1.11	1.23	1.40	------	------	------	------	------	1.96
Mar. 29	1.70	1.04	1.16	1.26	1.39	1.58	1.39	1.22	1.11	1.04	2.06
Means	------	1.02	1.12	1.25	1.40	1.61	1.40	1.24	1.13	1.03	------
Departures	------	------	------	------	------	------	------	------	------	------	------

BLUE HILL, MASS.

Mar. 1	2.8	------	------	------	------	------	------	------	------	0.84	2.6
Mar. 4	4.0	------	------	------	------	------	------	1.09	.95	.87	3.3
Mar. 7	2.8	.91	.98	1.09	1.23	------	------	------	.73	.61	3.0
Mar. 8	5.0	.74	.83	------	------	------	------	------	.87	.78	5.8
Mar. 11	2.5	.88	1.00	1.13	1.31	------	1.22	------	.73	.56	2.2
Mar. 12	6.1	------	------	------	------	------	------	.98	------	.76	5.0
Mar. 13	2.9	.92	.98	1.11	1.29	1.38	1.24	1.08	------	.81	2.0

TABLE 1.—*Solar radiation intensities during March 1942*—Continued

[Gram-calories per minute per square centimeter of normal surface]

BLUE HILL, MASS.—Continued

Date	Sun's zenith distance										
	7:30 a. m.	78.7°	75.7°	70.7°	60.0°	0.0°	60.0°	70.7°	75.7°	78.7°	1:30 p. m.
	75th mer. time	Air mass									Local mean solar time
		A. M.					P. M.				
	e.	5.0	4.0	3.0	2.0	*1.0	2.0	3.0	4.0	5.0	e.
	mm.	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*mm.*
Mar. 20	2.3	.88	1.00	1.12	1.25	1.38	1.20	1.06	.92	.82	2.3
Mar. 24	2.9	.75	.85	.96	1.12	------	------	------	------	------	2.9
Mar. 25	2.9	.82	.95	1.06	1.21	------	------	------	------	------	2.8
Mar. 27	3.3	------	------	------	------	------	1.16	1.02	.87	.78	3.5
Mar. 28	3.0	------	1.01	------	------	------	1.35	------	------	------	3.2
Mar. 31	3.8	------	------	.98	1.16	------	------	------	------	------	4.4
Means	------	.84	.95	1.07	1.22	(1.38)	1.23	1.05	.85	.76	------
Departures	------	—.05	—.03	—.03	—.02	—.05	—.01	—.02	—.11	—.10	------

Late Data—ALBUQUERQUE, N. MEX.

Feb. 2	2.36	------	------	------	------	------	1.41	------	------	------	2.87
Feb. 3	2.26	------	------	------	1.37	------	------	------	------	------	2.74
Feb. 4	2.36	1.12	1.19	1.32	1.44	------	1.46	1.34	1.22	1.16	3.00
Feb. 8	2.49	------	------	------	1.44	------	1.48	1.33	1.23	1.10	2.87
Feb. 9	2.26	1.10	1.19	1.30	1.42	------	1.38	------	------	------	2.62
Feb. 11	2.06	------	------	------	------	------	1.45	1.31	1.19	1.09	3.15
Feb. 12	3.00	.99	1.14	1.25	1.40	------	------	1.26	1.16	1.05	3.15
Feb. 13	2.36	------	------	------	1.32	------	------	------	------	------	2.36
Feb. 14	2.87	.97	1.09	1.20	1.32	------	------	------	------	------	2.87
Feb. 15	2.74	------	------	------	------	------	------	------	------	1.09	3.00
Feb. 17	1.69	1.07	1.16	------	------	------	------	------	------	------	2.87
Feb. 18	.81	1.08	1.18	1.26	1.41	------	1.30	1.14	1.09	1.04	1.52
Feb. 19	.91	------	------	------	1.39	------	1.44	1.28	1.18	1.07	1.32
Feb. 21	1.32	------	------	------	------	------	1.44	------	------	------	2.06
Feb. 23	2.26	1.08	1.16	------	1.46	------	1.43	1.28	1.15	------	2.87
Feb. 26	1.96	1.08	1.18	1.28	------	------	------	------	------	------	2.36
Means	------	1.06	1.16	1.27	1.40	------	1.42	1.28	1.17	1.09	------
Departures	------	------	------	------	------	------	------	------	------	------	------

*Extrapolated.

TABLE 2.—*Daily totals and weekly means of solar radiation (direct and diffuse) received on a horizontal surface*

[Gram-calories per square centimeter]

Date	Washington	Madison	Lincoln	Chicago	New York	Fresno	Fairbanks	Cambridge	Nashville	Twin Falls	La Jolla	New Orleans	Riverside	Blue Hill	Friday Harbor	Ithaca	Newport	State College
	cal.	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*
Feb. 26	390	105	324	30	432	271	------	362	131	413	------	86	248	348	148	206	389	301
Feb. 27	281	302	419	68	376	426	------	370	228	282	------	386	415	368	136	190	423	168
Feb. 28	321	270	296	55	217	433	------	126	404	344	------	467	503	155	61	97	143	105
Mar. 1	204	359	285	161	192	448	------	303	385	437	------	54	474	332	127	138	231	169
Mar. 2	117	127	434	16	182	309	------	303	35	334	------	180	410	328	243	224	330	142
Mar. 3	116	410	386	322	73	302	------	96	303	462	------	568	449	87	208	49	80	163
Mar. 4	450	173	289	253	420	443	------	288	274	432	------	118	488	323	79	317	354	443
Mean	**268**	**249**	**347**	**129**	**270**	**376**	**132**	**264**	**251**	**386**	------	**266**	**427**	**277**	**143**	**174**	**278**	**213**
Mar. 5	211	233	419	342	174	374	------	283	197	312	------	92	470	295	363	237	295	365
Mar. 6	345	187	219	217	140	469	------	33	444	381	297	561	322	14	235	238	51	348
Mar. 7	454	140	132	138	371	470	------	387	255	475	508	256	521	408	261	359	411	397
Mar. 8	324	90	377	48	392	468	------	364	119	412	498	232	490	360	66	412	403	254
Mar. 9	275	393	390	414	173	423	------	108	398	380	464	584	484	80	169	193	126	164
Mar. 10	514	305	368	392	308	132	------	347	421	371	221	563	208	324	310	322	219	121
Mar. 11	363	107	432	132	342	420	------	444	88	182	462	349	313	466	225	276	445	233
Mean	**355**	**208**	**334**	**240**	**271**	**394**	**125**	**281**	**274**	**359**	**408**	**377**	**401**	**278**	**233**	**291**	**279**	**326**
Mar. 12	526	416	94	343	236	489	------	117	421	178	299	243	299	122	215	64	146	114
Mar. 13	420	168	55	165	324	273	------	474	56	244	467	262	473	479	148	440	479	212
Mar. 14	237	370	12	371	40	112	------	63	183	------	131	300	131	50	370	58	38	57
Mar. 15	251	43	57	106	236	327	------	127	184	------	484	114	529	139	127	46	108	193
Mar. 16	80	76	23	64	216	495	------	372	309	187	526	300	537	375	227	135	372	13
Mar. 17	237	100	268	59	55	512	------	68	524	387	------	442	538	114	333	216	118	284
Mar. 18	129	338	463	55	345	450	------	305	440	420	------	624	504	288	262	96	288	102
Mean	**269**	**216**	**139**	**166**	**207**	**380**	**183**	**218**	**302**	**283**	**382**	**326**	**430**	**224**	**240**	**151**	**222**	**139**
Mar. 19	433	461	206	478	483	516	------	312	455	463	528	454	581	327	270	205	414	358
Mar. 20	340	114	227	314	530	536	------	516	280	519	567	129	574	518	410	493	524	467
Mar. 21	38	272	518	88	131	543	------	327	298	519	567	131	569	356	220	141	------	145
Mar. 22	387	532	500	536	380	539	------	344	534	429	559	607	548	292	334	240	359	269
Mar. 23	213	508	468	436	264	431	------	323	525	393	493	596	562	350	299	130	340	222
Mar. 24	540	350	312	403	519	468	------	364	503	433	405	600	401	374	348	250	422	530
Mar. 25	481	305	95	322	553	563	------	444	454	413	500	334	566	443	347	457	424	580
Mean	**348**	**363**	**332**	**368**	**408**	**514**	**261**	**376**	**436**	**453**	**517**	**407**	**543**	**380**	**318**	**274**	**414**	**367**
Mar. 26	467	24	189	50	569	577	------	310	80	563	572	------	596	293	454	563	299	561
Mar. 27	494	137	487	97	468	508	------	447	75	538	595	------	594	509	414	523	506	535
Mar. 28	57	190	235	202	296	570	------	524	567	544	505	678	533	479	115	168	463	58
Mar. 29	167	143	221	160	157	542	------	498	546	550	582	614	560	496	461	190	451	141
Mar. 30	487	317	236	63	314	566	------	177	394	553	494	597	540	127	370	188	171	458
Mar. 31	486	381	498	115	70	451	------	407	333	442	469	610	552	455	302	78	188	299
Apr. 1	438	490	526	542	360	545	------	353	435	572	228	636	577	332	516	322	368	358
Mean	**371**	**240**	**342**	**175**	**319**	**537**	**294**	**388**	**347**	**538**	**492**	**627**	**565**	**384**	**376**	**290**	**349**	**344**

TABLE 2.—*Daily totals and weekly means of solar radiation (direct and diffuse) received on a horizontal surface*—Continued

[Gram-calories per square centimeter]

DEPARTURES FROM WEEKLY NORMALS

Date	Washington	Madison	Lincoln	Chicago	New York	Fresno	Fairbanks	Cambridge	Nashville	Twin Falls	La Jolla	New Orleans	Riverside	Blue Hill	Friday Harbor	Ithaca	Newport	State College
	cal.	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*	*cal.*
	−12	−20	+36	−82	+3	+19	−7	+5	.....	+108	.....	−5	+63	−21	−22	−56	−2	−36
	+43	−90	+10	+15	−5	−1	−28	+7	.....	+11	−4	+48	−7	−14	+12	+39	−19	+66
	−49	−103	−214	−75	−77	−25	−16	−96	.....	−48	−24	−20	+29	−80	+25	−62	−117	−143
	+4	+34	−46	+95	+60	+65	+45	+15	.....	+54	+68	+47	+155	−12	+30	−32	+24	+36
	+23	−112	−29	−83	−12	+75	+9	+1	.....	+174	+6	+269	+173	−2	+54	+8	−51	−33
	+63	−2037	−1701	−910	−217	+931	+21	−476	.....	+2093	+322	+2373	+2891	−903	+693	−721	−1155	−770
ACCUMULATED DEPARTURES ON—																		
	+1820	−2926	−3031	−742	+882	+1687	−854	−490	.....	+2380	.....	+4585	+3822	−1043	+2184	−210	−987	.....

LATE REPORT

FEBRUARY 1942 VAPOR PRESSURES AT MADISON, WIS.

	1:30 a. m.	7:30 a. m.	1:30 p. m.	7:30 p. m.
Feb. 2	0.047	0.040	0.054	0.052
Feb. 12	.098	.044	.093	.070
Feb. 13	.044	.034	.010	.085
Feb. 17	.042	.017	.028	.026
Feb. 20	.026	.025	.054	.054
Mean	.089	.084	.101	.100

POSITIONS, AREAS, AND COUNTS OF SUN SPOTS FOR MARCH 1942

[Communicated by Capt. J. F. Hellweg, U. S. Navy (Ret.), Superintendent, U. S. Naval Observatory.] All measurements and spot counts were made at the Naval Observatory from plates taken at the observatories indicated. Difference in longitude is measured from the central meridian, positive toward the west. Latitude is positive toward the north. Areas are corrected for foreshortening and expressed in millionths of sun's hemisphere. For each day, under longitude, latitude, area of spot or group, and spot count are included assumed longitude of center of the disk, assumed latitude of center of the disk, total area of spots and groups, and total spot count.

Date	Eastern standard time	Mount Wilson group No.	Heliographic: Difference in longitude	Heliographic: Longitude	Heliographic: Latitude	Heliographic: Distance from center of disk	Area of spot or group	Spot count	Plate quality	Observatory
1942	*h m*		°	°	°	°				
Mar. 1	11 43	7381	−25	160	+8	29	48	2	F	Mt. Wilson.
		7380	+1	186	−12	5	24	1		
		7378	+12	197	+9	20	1,745	30		
		7379	+21	206	−10	21	242	8		
		7383	+53	238	+11	55	48	2		
		7382	+62	247	−15	62	145	5		
		7377	+70	255	+6	70	194	10		
				(185)	(−7)		2,446	58		
Mar. 2	10 47	7381	−11	161	+8	19	24	3	VG	Do.
		7380	+15	187	−12	15	12	2		
		7378	+25	197	+9	30	1,309	40		
		7379	+33	205	−11	33	194	29		
		7383	+66	238	+11	68	73	15		
		7382	+77	249	−14	77	145	6		
		7377	+81	253	+7	81	194	11		
				(172)	(−7)		1,951	106		
Mar. 3	11 13	7378	+39	198	+9	42	1,067	9	P	Do.
		7379	+49	208	−10	49	97	2		
				(159)	(−7)		1,164	11		
Mar. 4	10 48	7378	+53	199	+9	55	1,067	15	VG	Do.
		7379	+64	210	−10	64	97	6		
				(146)	(−7)		1,164	21		
Mar. 5	10 43	7381	+28	161	+9	33	24	1	VG	Do.
		7378	+66	199	+8	68	1,018	14		
		7379	+77	210	−10	77	97	2		
				(133)	(−7)		1,139	17		
Mar. 6	10 38	7381	+43	163	+8	46	48	7	G	U. S. Naval.
		7378	+79	199	+8	79	970	4		
				(120)	(−7)		1,018	11		

POSITIONS, AREAS, AND COUNTS OF SUN SPOTS FOR MARCH 1942—Continued

Date	Eastern standard time	Mount Wilson group No.	Heliographic: Difference in longitude	Heliographic: Longitude	Heliographic: Latitude	Heliographic: Distance from center of disk	Area of spot or group	Spot count	Plate quality	Observatory
1942	*h m*		°	°	°	°				
Mar. 7	10 37	7381	+57	164	+8	59	24	1	G	U. S. Naval.
		(*)	+68	175	−3	68	12	2		
				(107)	(−7)		36	3		
Mar. 8	10 45	7381	+71	164	+8	72	12	1	G	Mt. Wilson.
				(93)	(−7)		12	1		
Mar. 9	11 32	.....	.....	No spots	.....	.....	.....	.....	G	U. S. Naval
Mar. 10	11 16	7385	−84	343	−13	84	48	1	F	Do.
				(67)	(−7)		48	1		
Mar. 11	11 6	7386	−72	342	+13	73	48	1	F	Do.
		7385	−69	345	−13	70	48	1		
				(54)	(−7)		96	2		
Mar. 12	10 27	7386	−59	342	+13	62	24	1	F	Do.
				(41)	(−7)		24	1		
Mar. 13	13 11	7386	−45	341	+13	50	24	2	G	Do.
		7387	−25	1	+4	28	97	13		
				(26)	(−7)		121	15		
Mar. 14	15 16	7386	−31	341	+11	37	12	1	F	Do.
		7387	−11	1	+3	17	97	12		
				(12)	(−7)		109	13		
Mar. 16	10 54	7388	−69	279	+8	70	485	1	G	Mt. Wilson.
		7387	+13	1	+3	18	48	9		
		7387	+20	8	+3	23	97	11		
				(348)	(−7)		630	21		
Mar. 17	13 23	7389	−79	254	−12	80	97	1	G	U. S. Naval.
		7390	−69	264	−8	69	12	1		
		7388	−52	281	+10	55	339	1		
		7387	+34	7	+3	37	194	9		
				(333)	(−7)		642	12		
Mar. 18	11 1	7392	−73	248	+11	74	145	2	F	Mt. Wilson.
		7389	−65	256	−13	65	145	3		
		7391	−61	260	+7	64	97	1		
		7388	−39	282	+9	42	388	2		
		7387	+46	7	+2	48	194	10		
				(321)	(−7)		969	18		
Mar. 19	11 28	7395	−64	244	−14	65	48	6	F	U. S. Naval.
		7392	−60	248	+10	62	145	1		
		7391	−50	258	+7	53	48	10		
		7389	−50	258	−12	50	194	12		
		7394	−47	261	−10	47	24	4		
		7393	−36	272	+8	40	12	3		
		7388	−27	281	+9	31	339	1		
		7387	+60	8	+3	61	170	19		
				(308)	(−7)		980	57		