Preliminary Local Climatological Data (WS Form: F-6)

Station: WSMO DESERT ROCK, NV
Month: JUL
Year: 1989

Latitude +36.37 Longitude +116.01 Gnd Elev. 3298 ft. Std Time: PST

Temperature in Fahrenheit							: Precip(in.):	Snow :		Wind :	Fastest-Mile:			Sunshine :	Sky		: Peak Wind	
-1- Day	-2- Max	-3- Min	-4- Avg	-5- Dep.	-6a- HDD	-6b- CDD	-7- Water	-8- Snow	-9- Depth	-10- Avg.	-11- Speed	-12- Dir	-13- Mins.	-14- %PSBL	-15- SR-SS	-16- Weather	-17- Speed	-18- Dir
1	97	66	82	-6	0	17	0.00	0.0	0	11.3	22	25			0		29	SW
2	100	63	82	-6	0	17	0.00	0.0	0	8.3	17	22			0		29	SW
3	103	64	84	-5	0	19	0.00	0.0	0	9.4	20	23			1		35	SW
4	103	67	85	-4	0	20	0.00	0.0	0	9.7	17	22			0		30	SW
5	106	64	85	-4	0	20	0.00	0.0	0	7.0	14	23			0		24	SW
6	109	70	90	1	0	25	0.00	0.0	0	7.3	14	5			0		26	W
7	110	76	93	3	0	28	0.00	0.0	0	9.1	15	21			4		21	SW
8	106	76	91	1	0	26	0.00	0.0	0	8.6	21	26			6		32	SW
9	100	79	90	0	0	25	0.00	0.0	0	13.2	22	22			7		33	SW
10	98	79	89	-1	0	24	0.00	0.0	0	14.0	21	23			0		30	SW
11	90	71	81	-9	0	16	T	0.0	0	10.0	18	13			10		25	SW
12	96	63	80	-10	0	15	0.00	0.0	0	8.0	17	24			2		29	S
13	101	70	86	-4	0	21	0.00	0.0	0	8.1	15	4			1		21	SW
14	104	71	88	-3	0	23	0.00	0.0	0	9.6	18	22			1		29	SW
15	100	78	89	-2	0	24	0.00	0.0	0	14.7	24	19			0		39	S
16	96	69	83	-8	0	18	0.00	0.0	0	14.6	20	20			0		38	S
17	100	67	84	-7	0	19	0.00	0.0	0	8.9	16	24			0		25	SW
18	105	66	86	-5	0	21	0.00	0.0	0	6.4	16	23			0		23	SW
19	107	73	90	-1	0	25	0.00	0.0	0	8.6	17	24			2		33	SW
20	106	80	93	2	0	28	0.00	0.0	0	11.3	21	21			3		33	SW
21	102	78	90	-1	0	25	0.00	0.0	0	13.1	21	21			6		32	SW
22	101	80	91	0	0	26	0.00	0.0	0	13.4	21	20			5		32	SW
23	102	78	90	-1	0	25	0.00	0.0	0	9.9	21	20			0		35	SW
24	103	75	89	-2	0	24	0.00	0.0	0	9.9	20	19			0		37	SW
25	103	79	91	0	0	26	0.00	0.0	0	9.1	16	26			0		30	W
26	102	74	88	-3	0	23	0.00	0.0	0	13.5	22	22			2		35	SW
27	100	74	87	-4	0	22	0.00	0.0	0	12.7	20	20			0		35	SW
28	100	79	90	-1	0	25	0.00	0.0	0	10.8	20	20			0		32	SW
29	100	73	87	-4	0	22	0.00	0.0	0	10.4	20	24			0		32	SW
30	101	75	88	-3	0	23	0.00	0.0	0	12.6	21	21			1		32	SW
31	99	81	90	0	0	25	T	0.0	0	13.3	24	24			6		37	SW
Sum	3150	2258			0	697	T	0.0		326.8					57			
Avg	101.6	72.8								10.5	Fast	Dir.	Psbl	%	1.8		Max (mph)	
							Misc -------->				24 #	24	26739				39	S

Notes:

Last of several occurrences

Column 9 readings are taken at 0400

Columns 11 & 12 are Fastest observed 1-minute wind speed (mph) and its direction

Column 17 Peak Wind in M.P.H.

[Temperature Data]

Average Monthly: 87.2
Departure from Normal: -3.1
Highest: 110 on 7
Lowest: 63 on 2 , 12

[Precipitation Data]

Total for Month: T
Departure from Normal: -0.93
Greatest in 24 hrs. 0.00 on 31

SNOWFALL, ICE PELLETS
Total for month: 0.0 inches
Greatest snowfall in 24 hrs: 0.0 on
Greatest snow depth: 0 on

SYMBOLS USED IN COLUMN 16

1 = FOG
2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = BLOWING DUST OR BLOWING SAND REDUCING VISIBILITY TO 1/2 MILE OR LESS
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

[No. of Days with]

Max 32 or below: 0
Max 90 or above: 31
Min 32 or below: 0
Min 0 or below: 0

[WEATHER - No. of Days with]

0.01 inch or more Precip: 0
0.10 inch or more Precip: 0
0.50 inch or more Precip: 0
1.00 inch or more Precip: 0

[Heating Degree Days (Base 65)]

Total this Month: 0
Departure from Normal: - 0
Seasonal Total: 0
Departure from Normal: 0

Clear (scale 0-3) 24
Partly Cloudy (scale 4-7) 6
Cloudy (scale 8-10) 1

[Cooling Degree Days (Base 65)]

Total this Month: 697
Departure from Normal: +118
Seasonal Total: 1496
Departure from Normal: +288

[Pressure Data]

Highest Sea-Level 26.74 in on 12
Lowest Sea-Level 26.33 in. on 9

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MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 01 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0052	CLR	20			080	78	31	17	10		991	703	JS
SA	0150	CLR	20			082	76	33	22	10		991		JS
SA	0250	CLR	20			083	71	33	25	05		991		JS
SA	0355	CLR	20			092	69	33	32	08		993	307 69 RADAT 20155	RD
SA	0456	CLR	20			096	66	35	35	09		994		RD
SA	0554	CLR	20			104	73	36	32	06		996		RD
SA	0652	CLR	20			111	77	36	24	09		999	219	RD
SA	0751	CLR	20			117	78	36	24	10		001		RD
SA	0850	CLR	20			116	81	35	26	06		000		RD
SA	0953	CLR	20			116	84	33	17	03		000	103 66	RD
SA	1050	CLR	20			112	87	34	23	10		999		RD
SA	1154	CLR	20			105	89	35	25	19		997		RD
SA	1250	CLR	20			099	92	39	24	09		996	712	RD
SA	1353	CLR	20			091	94	42	22	15		994		RD
SA	1450	CLR	20			085	96	42	23	13		993		RD
SA	1553	CLR	20			084	96	42	24	17		991	615 97 RADAT 20158	JS
SA	1654	CLR	20			081	95	41	21	10	G20	990		JS
SA	1750	CLR	20			081	92	39	22	16		990		JS
SA	1856	CLR	20			082	89	36	23	15		991	502	JS
SA	1954	CLR	20			089	86	33	22	08		992		JS
SA	2053	CLR	20			092	85	32	19	10		994		JS
SA	2154	CLR	20			094	84	33	19	03		995	212 97	JS
SA	2254	CLR	20			100	74	22	05	07		995		JS
SA	2353	CLR	20			101	73	19	03	06		996		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP $5a_c$ $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 01 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.505			18	0															0	7	.010			00-01
01 50	26.510			21	0															0					01-02
02 50	26.505			25	0															0					02-03
03 55	26.525			26	0															0	3	.020			03-04
04 56	26.540			32	0															0					04-05
05 54	26.560			26	0															0					05-06
06 52	26.580			23	0															0	2	.055			06-07
07 51	26.595			22	0															0					07-08
08 50	26.590			19	0															0					08-09
09 53	26.590			16	0															0	1	.010			09-10
10 50	26.580			15	0															0					10-11
11 54	26.565			15	0															0					11-12
12 50	26.555			16	0															0	7	.035			12-13
13 53	26.535			17	0															0					13-14
14 50	26.515			16	0															0					14-15
15 53	26.510			16	0															0	6	.045			15-16
16 54	26.495			16	0															0					16-17
17 50	26.500			16	0															0					17-18
18 56	26.505			15	0															0	5	.005			18-19
19 54	26.520			15	0															0					19-20
20 53	26.530			15	0															0					20-21
21 54	26.540			16	0															0	2	.035			21-22
22 54	26.545			14	0															0					22-23
23 53	26.550			13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	79	69	X	X						X		
	0347	1	0	0	0	80	69		0								
	0946	2	0	0	0	84	66		0								
	1549	3	0	0	0	97	84		0								
	2150	4	0	0	0	96	82		0								
	MID.	X	0	0	0	84	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.580	26.510	26.540
BAROGRAPH 64	26.505	26.580	26.520	26.545
BAR. CORR. 65	+.020	±0	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	66	0	0	0	25	SW	1357					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1053/1721 /

Changed Microbarograph and reset to zero @ 0950 LST

0953/0953

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 02 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0052	CLR	20			103	71	19	07	05		996	205	JS
SA	0154	CLR	20			107	68	18	05	08		997		JS
SA	0250	CLR	20			108	68	17	00	00		998		JS
SA	0350	CLR	20			110	63	12	12	05		998	105 63 RADAT 20158	AD
SA	0450	CLR	20			110	64	12	12	04		998		AD
SA	0550	CLR	20			116	71	18	00	00		000		AD
SA	0650	CLR	20			118	78	28	00	00		001	310	AD
SA	0750	CLR	20			120	84	32	27	04		002		AD
SA	0850	CLR	20			115	88	37	36	04		001		AD
SA	0950	CLR	20			114	91	40	11	04		001	000 63	AD
SA	1050	CLR	20			114	92	41	22	10		000		AD
SA	1150	CLR	20			110	94	43	00	00		999		AD
SA	1250	CLR	20			101	98	46	23	15		997	714	AD
SA	1350	CLR	20			099	98	47	21	14		996		AD
SA	1450	CLR	20			094	100	48	21	15 G22		995		AD
SA	1553	CLR	20			093	98	46	23	15 G21		993	710 00 RADAT 23161	EP
SA	1653	CLR	20			091	98	45	24	14		993		EP
SA	1755	CLR	20			091	96	43	23	13		994		EP
SA	1852	CLR	20			091	93	41	22	15		994	302 1001	EP
SA	1953	CLR	20			096	89	37	24	08		996		EP
SA	2053	CLR	20			103	86	34	07	08		998		EP
SA	2155	CLR	20			102	85	35	34	03		998	112 00	EP
SA	2252	CLR	20			110	75	25	04	07		999		EP
SA	2355	CLR	20			111	71	21	20	03		999		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiiiii $i_R i_X hVV$ $Ndd_f f_f$ $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ $4PPPP$ $5appp$ $6RRR_tR_t$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 02 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.555			14	0															0	2	.015			00-01
01 54	26.565			15	0															0					01-02
02 50	26.570			14	0															0					02-03
03 50	26.570			13	0															0	1	.015			03-04
04 50	26.570			13	0															0					04-05
05 50	26.590			13	0															0					05-06
06 50	26.600			16	0															0	3	.030			06-07
07 50	26.610			15	0															0					07-08
08 50	26.600			17	0															0					08-09
09 50	26.600			17	0															0	0	.000			09-10
10 50	26.590			17	0															0					10-11
11 50	26.580			17	0															0					11-12
12 50	26.560			17	0															0	7	.040			12-13
13 50	26.550			18	0															0					13-14
14 50	26.540			17	0															0					14-15
15 53	26.530			17	0															0	7	.030			15-16
16 53	26.525			17	0															0					16-17
17 55	26.530			16	0															0					17-18
18 52	26.535			17	0	0	Ci	250												0	3	.005			18-19
19 53	26.550			16	0															0					19-20
20 53	26.570			16	0															0					20-21
21 55	26.570			17	0															0	1	.035			21-22
22 52	26.580			16	0															0					22-23
23 55	26.580			15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	74	63	X	X						X		
	0350	1	0	0	0	84	63		0								
	0950	2	0	0	0	92	63		0								
	1548	3	0	0	0	100	91		0								
	2152	4	0	0	0	99	83		0								
	MID.	X	0	0	0	85	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.530	26.570
BAROGRAPH 64	26.560	26.610	26.545	26.580
BAR. CORR. 65	+.010	-.010	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	63	0	0	0	25	SW	1620					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0500 / 1829 /

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 03 JUL 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0055	CLR	20			109	71	20	06	06		999	103	EP
SA	0152	CLR	20			113	70	21	04	09		000		EP
SA	0253	CLR	20			113	69	19	09	05		000		EP
SA	0350	CLR	20			120	65	17	00	00		001	207 65 RADAT 20167	AD
SA	0450	CLR	20			120	64	14	12	06		001		AD
SA	0550	CLR	20			124	73	20	15	03		003		AD
SA	0650	CLR	20			127	79	26	00	00		003	310	AD
SA	0750	CLR	20			125	86	37	00	00		005		AD
SA	0850	CLR	20			124	91	42	23	03		005		AD
SA	0950	CLR	20			123	94	45	20	07		005	400 64	AD
SA	1050	CLR	20			123	96	47	21	12		003		AD
SA	1150	250 - SCT	20			121	97	48	23	07		002		AD
SA	1250	250 - SCT	20			108	101	50	24	14		999	817 1001	AD
SA	1350	250 - SCT	20			100	102	51	24	15	G22	997		AD
SA	1450	250 - SCT	20			097	101	52	23	16		996		AD
SA	1553	250 - SCT	20			095	101	51	23	17	G30	995	614 1009 ~~85~~ 03 RADAT 25172	EP
SA	1655	CLR	20			093	100	49	21	15		994		EP
SA	1756	CLR	20			089	98	48	22	15		994		EP
SA	1854	CLR	20			088	96	45	22	13		994	502 1001	EP
SA	1952	CLR	20			093	90	40	22	08		995		EP
SA	2054	CLR	20			101	87	34	00	00		998		EP
SA	2155	CLR	20			094	92	38	21	12	G21	997	008 03	EP
SA	2253	CLR	20			101	81	29	03	05		998		EP
SA	2355	CLR	20			104	74	24	02	08		998		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: $iiiiiiii_0 i_R i_X hVV\ Nddff\ 1s_nTTT\ 2s_pT_dT_dT_d\ 3P_0P_0P_0P_0\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK [illegible]

SURFACE WEATHER OBSERVATIONS

DATE JULY 3 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.580			14	0															0	1	.010			00-01
01 52	26.590			16	0															0					01-02
02 53	26.590			15	0															0					02-03
03 50	26.600			16	0															0	2	.020			03-04
04 50	26.600			14	0															0					04-05
05 50	26.620			13	0															0					05-06
06 50	26.630			14	0															0	3	.030			06-07
07 50	26.630			18	0															0					07-08
08 50	26.630			18	0															0					08-09
09 50	26.630			19	0															0	4	.000			09-10
10 50	26.620			19	0															0					10-11
11 50	26.610			19	2															0					11-12
12 50	26.580			18	3	3	CI	250												0	8	.050			12-13
13 50	26.560			18	3															0					13-14
14 50	26.550			20	2															0					14-15
15 53	26.540			19	2	2	CC	250												0	6	.040			15-16
16 55	26.530			18	0															0					16-17
17 56	26.530			19	0															0					17-18
18 54	26.535			18	0	0	CI	250												0	5	.005			18-19
19 52	26.550			18	0															0					19-20
20 54	26.570			15	0															0					20-21
21 55	26.560			15	0															0	0	.025			21-22
22 53	26.570			15	0															0					22-23
23 55	26.570			15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	72	65	X	X						X		
	0350	1	0	0	0	85	65		0								
	0950	2	0	0	0	94	64		0								
	1548	3	0	0	0	103	94		0								
	2150	4	0	0	0	101	87		0								
	MID.	X	0	0	0	92	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.630	26.540	26.560
BAROGRAPH 64	26.600	26.640	26.560	26.570
BAR. CORR. 65	Ø	-.010	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	64	0	0	0	30	SW	1550					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0430 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1 MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0500 / 1821 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: 04 JUL 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			096	80	28	11	04		997	000	EP
SA	0154	CLR	20			095	82	31	17	04		997		EP
SA	0251	CLR	20			099	74	20	34	07		997		EP
SA	0350	CLR	20			101	69	16	36	04		997	400 68 RADAT 20162	AD
SA	0450	CLR	20			109	70	17	01	08		999		AD
SA	0550	CLR	20			110	77	25	05	04		000		AD
SA	0650	CLR	20			111	86	35	24	05		001	214	AD
SA	0750	CLR	20			116	88	35	25	09		002		AD
SA	0850	CLR	20			117	90	37	23	13		002		AD
SA	0950	CLR	20			117	94	40	24	10		003	307 67	AD
SA	1050	CLR	20			116	97	43	21	15		002		AD
SA	1150	CLR	20			111	99	44	24	13		000		AD
SA	1250	CLR	20			103	101	46	22	15		999	814	AD
SA	1350	CLR	20			095	102	48	24	13		997		AD
SA	1450	CLR	20			094	102	48	24	11		996		AD
SA	1556	CLR	20			091	102	48	20	14		994	715 03 RADAT 22172	EP
SA	1654	CLR	20			089	101	48	22	13		994		EP
SA	1753	CLR	20			084	100	47	24	12		993		EP
SA	1853	CLR	20			084	96	44	28	05		994	502	EP
SA	1954	CLR	20			088	85	31	04	06		994		EP
SA	2053	CLR	20			093	80	29	09	05		995		EP
SA	2156	CLR	20			099	81	30	00	00		997	310 03	EP
SA	2252	CLR	20			096	84	32	30	05		997		EP
SA	2354	CLR	20			102	77	27	03	08		998		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII [illegible] Nddff 1s$_n$TTT 2s$_n$T$_d$T$_d$T$_d$ 3P$_o$P$_o$P$_o$P$_o$ 4PPPP 5appp 6RRR$_{tp}$ 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 04 JUL 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.560			15	0															0	0	.000			00-01
01 54	26.560			16	0															0					01-02
02 51	26.560			13	0															0					02-03
03 50	26.560			13	0															0	4	.000			03-04
04 50	26.580			13	0															0					04-05
05 50	26.590			15	0															0					05-06
06 50	26.600			16	0															0	2	.040			06-07
07 50	26.610			15	0															0					07-08
08 50	26.610			16	0															0					08-09
09 50	26.620			15	0															0	3	.020			09-10
10 50	26.610			16	0															0					10-11
11 50	26.590			15	0															0					11-12
12 50	26.580			16	0															0	8	.040			12-13
13 50	26.560			16	0															0					13-14
14 50	26.550			16	0															0					14-15
15 56	26.535			16	0															0	7	.045			15-16
16 54	26.530			17	0															0					16-17
17 53	26.525			17	0															0					17-18
18 53	26.530			17	0															0	5	.005			18-19
19 54	26.530			14	0															0					19-20
20 53	26.540			16	0															0					20-21
21 56	26.560			16	0															0	3	.030			21-22
22 52	26.560			15	0															0					22-23
23 54	26.570			16	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		84	68										
	0350	1	0	0	0	92	68		0								
	0950	2	0	0	0	94	67		0								
	1549	3	0	0	0	103	94		0								
	2151	4	0	0	0	103	79		0								
	MID.		0	0	0	86	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.620	26.535	26.560
BAROGRAPH 64	26.560	26.620	26.550	26.560
BAR. CORR. 65	0	0	-.015	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	67	0	0	0	26	SW	1316					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0430 SUNSET 1906

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0500 / 1831 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE 05 JUL 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			107	73	23	11	08		999	307	EP
SA	0153	CLR	20			111	71	21	09	04		000		EP
SA	0250	CLR	20			116	69	19	09	06		001		EP
SA	0350	CLR	20			116	68	18	02	08		001	307 66 RADAT 20158	AD
SA	0450	CLR	20			126	64	16	00	00		003		AD
SA	0550	CLR	20			131	71	24	00	00		006		AD
SA	0650	CLR	20			128	81	33	00	00		006	114	AD
SA	0750	CLR	20			137	89	40	21	04		008		AD
SA	0850	CLR	20			134	92	42	22	08		007		AD
SA	0950	CLR	20			132	95	45	21	05		007	003 64	AD
SA	1050	CLR	20			126	98	48	24	06		006		AD
SA	1150	CLR	20			128	100	49	24	09		006		AD
SA	1250	CLR	20			120	104	52	21	10		003	710	AD
SA	1350	CLR	20			113	105	53	23	12		001		AD
SA	1450	CLR	20			110	106	54	24	11		000		AD
SA	1555	CLR	20			103	105	53	27	10		998	717 06 RADAT 28164	EP
SA	1652	CLR	20			102	104	52	25	11		997		EP
SA	1752	CLR	20			100	102	50	27	04		997		EP
SA	1851	CLR	20			094	99	48	25	06		996	705	EP
SA	1954	CLR	20			098	87	38	06	05		997		EP
SA	2054	CLR	20			104	87	37	09	05		999		EP
SA	2157	CLR	20			105	82	33	07	03		999	108 06	EP
SA	2250	CLR	20			109	78	29	36	07		000		EP
SA	2353	CLR	20			113	77	27	11	04		001		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Hiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 05 JUL 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.580			15	0															0	3	.020			00-01
01 53	26.590			15	0															0					01-02
02 50	26.600			15	0															0					02-03
03 50	26.600			15	0															0	3	.020			03-04
04 50	26.620			15	0															0					04-05
05 50	26.640			17	0															0					05-06
06 50	26.640			18	0															0	1	.040			06-07
07 50	26.660			18	0															0					07-08
08 50	26.650			18	0															0					08-09
09 50	26.650			18	0															0	0	.010			09-10
10 50	26.640			19	0															0					10-11
11 50	26.640			18	0															0					11-12
12 50	26.620			18	0															0	7	.030			12-13
13 50	26.600			18	0															0					13-14
14 50	26.590			18	0															0					14-15
15 55	26.570			18	0															0	7	.050			15-16
16 52	26.560			18	0															0					16-17
17 52	26.560			18	0															0					17-18
18 51	26.555			18	0															0	7	.015			18-19
19 54	26.560			18	0															0					19-20
20 54	26.580			17	0															0					20-21
21 57	26.580			17	0															0	1	.025			21-22
22 50	26.590			17	0															0					22-23
23 53	26.600			16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	78	66	X	X						X		
	0350	1	0	0	0	86	66		0								
	0950	2	0	0	0	95	64		0								
	1549	3	0	0	0	106	95		0								
	2151	4	0	0	0	106	81		0								
	MID.	X	0	0	0	82	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.650	26.570	26.580
BAROGRAPH 64	26.610	26.670	26.580	26.600
BAR. CORR. 65	-.010	-.020	-.010	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
106	64	0	0	0	21	SW	1415					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0431 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0500 / 1905 /

* MICRO BAROGRAPH CHANGED 0954

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 06 JUL 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0053	CLR	20			112	75	24	05	05		001	107	EP
SA	0154	CLR	20			116	73	23	08	05		002		EP
SA	0253	CLR	20			119	73	23	05	05		003		EP
SA	0357	CLR	20			125	70	21	11	05		005	312 70 RADAT 20156	DC
SA	0455	CLR	20			130	73	24	12	06		006		DC
SA	0552	CLR	20			131	79	30	13	03		007		DC
SA	0656	CLR	20			135	91	40	05	12		008	212	DC
SA	0754	CLR	20			135	93	42	02	11		008		DC
SA	0853	CLR	20			133	97	46	05	10		008		DC
SA	0953	CLR	20			134	101	51	29	06		008	602 70	DC
SA	1055	CLR	20			128	103	21	32	04		006		DC
SA	1154	CLR	20			122	105	21	12	05		005		DC
SA	1255	CLR	20			116	106	22	25	05	G15	003	715	DC
SA	1357	CLR	20			111	108	22	23	10		002		DC
SA	1455	CLR	20			106	107	30	18	07		000	CU S	DC
SA	1550	CLR	20			108	108	30	28	11	G23	000	FEW CU S/610 1100 09	008
													RADAT 22166	
SA	1650	CLR	20			103	107	29	26	05		999	FEW CU S	008
SA	1750	CLR	20			101	105	26	24	07		999	FEW CU S	008
SA	1850	CLR	20			097	102	25	24	07		999	603	008
SA	1950	CLR	20			106	94	18	11	06		001		008
SA	2051	CLR	20			117	89	13	08	06		003		008
SA	2151	CLR	20			116	83	11	04	05		003	114 09	008
SA	2250	CLR	20			120	82	11	05	04		004		008
SA	2355	CLR	20			115	83	12	14	03		003		008

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRtp 7wwW1W2 $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 06 JUL 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.600			15	0															0	1	.020			00-01
01 54	26.610			15	0															0					01-02
02 53	26.620			15	0															0					02-03
03 57	26.635			16	0															0	3	.035			03-04
04 55	26.645			16	0															0					04-05
05 52	26.660			17	0															0					05-06
06 56	26.670			17	0															0	2	.035			06-07
07 54	26.665			17	0															0					07-08
08 53	26.665			18	0															0					08-09
09 53	26.665			19	0															0	6	.005			09-10
10 55	26.650	102.5	60.7	5	0															0					10-11
11 54	26.635	105.0	61.5	5	0															0					11-12
12 55	26.620	106.0	62.0	5	0															0	7	.045			12-13
13 57	26.605	107.5	62.5	5	0															0					13-14
14 55	26.590			7	0															0					14-15
15 50	26.590			7	0	0	CU	90												0	6	.030			15-16
16 50	26.580			7	0															0					16-17
17 50	26.580			6	0															0					17-18
18 50	26.580			7	0															0	6	.010			18-19
19 50	26.595			6	0															0					19-20
20 51	26.620			6	0															0					20-21
21 51	26.620			7	0															0	1	.040			21-22
22 50	26.630			7	0															0					22-23
23 55	26.620			7	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	78	70	X	X						X		
	0350	1	0	0	0	82	70		0								
	0948	2	0	0	0	101	70		0								
	1549	3	0	0	0	109	101		0								
	2150	4	0	0	0	109	82		0								
	MID.	X	0	0	0	83	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0951	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.635	26.665	26.590	26.620
BAROGRAPH 64	26.625	26.665	26.590	26.620
BAR. CORR. 65	+.010	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
109	70	0	0	0	23	W	1549					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0431 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1070OP/1653P /

HO-83 DEW POINT OUT OF SERVICE AT 1030P. BACK IN SERVICE 1430P.

COL 8 - DEW POINTS ARE PROBABLY IN ERRROR 0552-0953

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION [illegible], DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE 07 JULY 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			120	78	11	05	05		004	203	008
SA	0150	CLR	20			123	80	12	24	04		005		008
SA	0250	CLR	20			122	85	9	12	03		005		008
SA	0358	CLR	20			124	85	7	04	08		006	207 76 RADAT 31162	DC
SA	0457	250-SCT	20			127	86	8	04	10		007	AC E-S	DC
SA	0555	140 SCT 250-SCT	20			136	83	9	11	03		009	CU SE	DC
SA	0657	140 SCT E250 BKN	20			136	93	17	04	13		010	212 1089	DC
SA	0756	E140 BKN 250 BKN	20			142	94	17	04	13		011		DC
SA	0856	140 SCT E 250 BKN	20			142	99	22	02	10		011		DC
SA	0957	140 SCT 250 SCT	20			139	103	28	18	04		009	802 1082 76	DC
SA	1055	140 SCT 250 SCT	20			136	104	28	24	08		009		DC
SA	1156	140 SCT 250-BKN	20			134	105	29	22	09		008		DC
SA	1257	250-BKN	20			127	108	31	22	10		006	810 1101	DC
SA	1356	250-SCT	20			120	110	33	22	13		004	FEW CU	DC
SA	1457	CLR	20			109	110	33	21	13		002	FEW CU CI	DC
SA	1550	250-SCT	20			103	110	33	21	09		001	619 1104 10 RADAT 31164	008
SA	1650	250-SCT	20			095	108	31	24	08		999		008
SA	1750	CLR	20			099	107	29	23	10		999		008
SA	1850	250-SCT	20			098	102	24	23	08		999	505 1004	008
SA	1950	CLR	20			105	93	15	11	03		000		008
SA	2050	CLR	20			105	87	11	05	03		000		008
SA	2155	CLR	20			107	87	12	03	09		001	207 10	008
SA	2250	CLR	20			107	86	12	02	09		001		008
SA	2350	CLR	20			104	92	20	06	05		001		008

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 07 JULY 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB X (°F) 18	WET BULB X (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.630			8	0															0	2	.010			00-01
01 50	26.640			8	0															0					01-02
02 50	26.640			6	0															0					02-03
03 58	26.650			5	0															0	2	.020			03-04
04 57	26.660			5	4															2					04-05
05 55	26.675			6	4															2					05-06
06 57	26.685			6	7	3	AC	140	4	CC	E250	7								5	2	.035			06-07
07 56	26.690			6	9															8					07-08
08 56	26.690			6	8															8					08-09
09 57	26.680			7	4	1	AC	140	3	CI	250	4								3	8	.005			09-10
10 55	26.675			7	5															3					10-11
11 56	26.665			7	6															2					11-12
12 57	26.650			7	8	0	Cu	100	8	CI	250	8								3	8	.030			12-13
13 56	26.630			7	3															1					13-14
14 57	26.610			7	0															0					14-15
15 50	26.595			7	4	0	cu	100	4	ci	250	4								2	6	.055			15-16
16 50	26.575			7	1															0					16-17
17 60	26.580			7	0															0					17-18
18 50	26.580			6	1	1	ci	250												0	5	.015			18-19
19 50	26.590			6	0															0					19-20
20 50	26.590			6	0															0					20-21
21 55	26.600			6	0															0	2	.020			21-22
22 50	26.600			6	0															0					22-23
23 50	26.600			7	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	88	76	X	X						X		
	0350	1	0	0	0	88	76		0								
	0950	2	0	0	0	103	82		0								
	1549	3	0	0	0	110	102		0								
	2154	4	0	0	0	110	86		0								
	MID.	X	0	0	0	93	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1549	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.680	26.585	26.600
BAROGRAPH 64	26.640	26.680	26.600	26.600
BAR. CORR. 65	+.010	0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
110	76	0	0	0	18	SW	1435					4	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0432 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: /1000P /1635P/

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WMO, DESERT ROCK NEVADA

DATE: 08 JULY 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0050	CLR	20			105	85	22	03	08		001	400	~~008~~
SA	0150	CLR	20			111	84	29	05	08		003		~~008~~
SA	0250	CLR	20			112	81	26	08	04		003		~~008~~
SA	0310	CLR	20			112	76	32	04	09		002	003 76	~~008~~
SA	0455	250-BKN	20			120	78	37	00	00		004	FEW AC RADAT 26160	DC
SA	0552	250 SCT	20			124	80	38	00	00		005	FEW AC	DC
SA	0657	160 SCT 250 -BKN	20			126	90	41	18	03		007	215 1078	DC
SA	0756	160 SCT E250 OVC	20			125	92	43	31	03		006		DC
SA	0856	E250 OVC	20			121	97	44	24	05		005	CU SE FEW AC	DC
SA	0957	140 SCT E250 BKN	20			115	97	41	24	08		003	CB DSNT E / 812	DC
/													1372 76	/
SA	1055	140 SCT E250 BKN	20			111	100	40	24	12		002	CB DSNT E	DC
SA	1156	E140 BKN 250 OVC	20			105	102	35	23	14	G20	001	CB DSNT E	DC
SA	1258	100 SCT E140 BKN 250 BKN	20			096	103	34	26	18	G23	997	CB NE-SE VIRGA SE	DC
/													817 1922	/
SA	1356	100 SCT 140 SCT	20			090	106	34	21	13	G21	996	CB VIRGA NE-SE MOVG	DC
/													SLOLY NW OCNL LTG CG	/
/													SE	/
SA	1455	100 SCT 250 SCT	20			080	105	34	19	14		993	CB VIRGA NE	DC
SA	1550	250 SCT	20			073	104	34	21	11	G16	990	724 1204 06 RADAT 50157	008
SA	1650	250 SCT	20			067	103	35	26	09		988		008
SA	~~1850~~ 1750	250 SCT	20			060	101	35	26	06		986		008
SA	1855	250 SCT	20			063	98	34	23	08		987	507 1004	~~008~~
SA	1950	250 SCT	20			067	93	33	21	06		988		008
SA	2050	250 SCT	20			070	87	33	35	07		990		008
SA	2155	CLR	20			069	92	35	35	03		990	107 06	008
SA	2250	CLR	20			074	87	35	02	05		991		008
SA	2350	CLR	20			067	83	36	06	06		988		008

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII [illegible]

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 08 JULY 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			10	0															0	4	.000			00-01
01 50	26.615			14	0															0					01-02
02 50	26.615			13	0															0					02-03
03 50	26.610			20	0															0	0	.010			03-04
04 55	26.630			23	8															2					04-05
05 52	26.640			22	4															3					05-06
06 57	26.655			18	7	2	AC	160	5	CS	250	7								3	2	.045			06-07
07 56	26.645			18	10															6					07-08
08 56	26.635			16	10															6					08-09
09 57	26.620			15	8	0	CB	100	3	AC	140	3	5	CI	E250	8				5	8	.035			09-10
10 55	26.610			13	9															7					10-11
11 56	26.600			10	10															9					11-12
12 58	26.570			9	8	2	CB	100	4	AS	E140	6	2	CI	250	8				7	8	.050			12-13
13 56	26.555			9	4															4					13-14
14 55	26.525			9	3															2					14-15
15 50	26.500			9	4	0	CU	100	4	CI	250	4								3	7	.070			15-16
16 50	26.490			10	3															2					16-17
17 50	26.470			10	3															2					17-18
18 55	26.480			11	4	4	ci	250												3	5	.020			18-19
19 50	26.490			12	3															3					19-20
20 50	26.500			15	2															2					20-21
21 55	26.500			14	0															0	1	.020			21-22
22 50	26.510			16	0															0					22-23
23 50	26.490			19	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		94	76										
	0349	1	0	0	0	94	76		0								
	0950	2	0	0	0	98	76		0								
	1549	3	0	0	0	106	97		0								
	2154	4	0	0	0	104	87		0								
	MID.		0	0	0	92	83										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1549	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.620	26.500	26.500
BAROGRAPH 64	26.610	26.625	26.505	26.490
BAR. CORR. 65	to	-.005	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
106	76	0	0	0	28	SW	1225					6	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0433 SUNSET 1905

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1053 P / 1945 P /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 09 JULY 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0050	CLR	20			064	80	35	07	03		987	807	CRD
SA	0150	250 - SCT	20			062	82	40	08	05		987		CRD
SA	0250	250 - SCT	20			070	82	37	31	03		990		CRD
SA	0350	160 SCT E250 OVC	20			067	80	42	32	10		988	003 1072 79 RADAT 55148	SH
SA	0450	160 SCT E 250 OVC	20			067	81	50	03	04		988		SH
SA	0554	160 SCT E 250 OVC	20			068	82	48	23	06		988		SH
SA	0653	E 250 OVC	20			075	84	47	24	09		991	307 1072	SH
SA	0750	E250 OVC	20			075	88	47	15	05		991		SH
SA	0850	E250 OVC	20			074	90	47	23	13		990		SH
SA	0951	250 - BKN	20			067	94	45	24	14		988	807 1008 79	SH
SA	1050	250 - BKN	20			060	96	46	23	17 G25		986		SH
SA	1150	250 - BKN	20			054	96	42	22	19 G26		984	CU SE	SH
SA	1251	250 - BKN	20			051	97	41	19	17 G28		983	CU SE/ 617 1108	SH
SA	1351	90 SCT 250 - BKN	20			041	99	39	21	18 G26		981	CB E MOVG N	SH
SA	1450	90 SCT 250 - BKN	20			034	99	40	21	16 G27		979	CB NE-E MOVG N	SH
SA	1550	90 SCT 250 - BKN	20			024	99	38	18	15 G23		975	CB NE-E MOVG N / 724	CRD
/	/						~~99~~	~~35~~					1308 00 RADAT 54148	/
SA	1653	250 - BKN	20			014	99	35	17	15		973	CB NE MOVG N	CRD
SA	1753	250 - SCT	20			008	98	35	18	16		971		CRD
SA	1850	250 - SCT	20			009	96	34	19	15		971	614 1008	CRD
SA	1950	250 - SCT	20			014	94	30	22	12		973		CRD
SA	2050	250 - SCT	20			022	92	27	20	15		975		CRD
SA	2150	250 SCT	20			026	90	27	21	14		976	217 1008 00	CRD
SA	2250	CLR	20			027	88	28	19	11		977		CRD
SA	2350	CLR	20			025	85	26	30	03		976		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 09 JULY 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.480			20	0															0	8	.020			00-01
01 50	26.480			23	4															2					01-02
02 50	26.500			20	5															2					02-03
03 50	26.490			26	10	4	AC	160	6	CI	E250	10								8	0	.010			03-04
04 50	26.490			34	10															8					04-05
05 54	26.490			30	10															7					05-06
06 53	26.510			28	10	0	AC	160	10	CI	E250	10								8	3	.020			06-07
07 50	26.510			25	10															6					07-08
08 50	26.500			23	10															6					08-09
09 51	26.490			19	8	8	CS	250												3	8	.020			09-10
10 50	26.470			18	8															1					10-11
11 50	26.450			15	8															2					11-12
12 51	26.440			14	6	0	CU	90	6	CS	250	6								2	6	.050			12-13
13 51	26.420			13	6															2					13-14
14 50	26.400			13	6															1					14-15
15 50	26.370			12	6	1	CB	90	5	CS	250	6								2	7	.070			15-16
16 53	26.350			11	6															3					16-17
17 53	26.330			11	3															1					17-18
18 50	26.330			11	3	3	CS	250												1	6	.040			18-19
19 50	26.350			10	2															1					19-20
20 50	26.370			10	2															1					20-21
21 50	26.380			10	1	1	CS	250												1	2	.050			21-22
22 50	26.385			12	0															0					22-23
23 50	26.380			12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		83	79										
	0349	1	0	0	0	92	79		0								
	0948	2	0	0	0	94	80		0								
	1547	3	0	0	0	100	93		0								
	2147	4	0	0	0	100	90		0								
	MID.		0	0	0	90	83										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.490	26.370	26.380
BAROGRAPH 64	26.480	26.490	26.380	26.390
BAR. CORR. 65	+.010	0	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	79	0	0	0	29	SW	1309					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0433 SUNSET 1905

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1095 / 1600 /

1/ LAST OF SEVERAL OCCASIONS.

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JUL 10 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	CLR	20			028	83	24	05	04		976	000	CRD
SA	0150	CLR	20			026	85	21	18	04		977		CRD
SA	0250	CLR	20			029	83	20	26	07		977		CRD
SA	0351	CLR	20			046	81	18	29	07		982	317 1001 80 RADAT 32444	SH
SA	0452	CLR	20			054	81	15	23	10		984	FEW CI	SH
SA	0552	CLR	20			063	80	25	26	14		986		SH
SA	0650	CLR	20			068	85	18	23	15		988	FEW CI / 220 1001	SH
SA	0752	CLR	20			075	87	20	23	16		991		SH
SA	0850	CLR	20			082	88	17	24	13		993		SH
SA	0952	CLR	20			084	89	15	20	12		993	114 79	SH
SA	1052	CLR	20			082	92	17	23	14 G25		993		SH
SA	1151	CLR	20			077	95	19	23	18 G33		991		SH
SA	1257	CLR	20			074	95	20	23	17 G28		990	710	SH
SA	1352	CLR	20			067	96	21	22	16 G25		988		SH
SA	1450	CLR	20			065	97	23	22	16		987		SH
SA	1551	CLR	20			062	97	22	21	15 G25		986	710 98 RADAT 20152	CRD
SA	1650	CLR	20			053	96	22	19	16 G29		984		CRD
SA	1750	CLR	20			056	94	24	21	11		984		CRD
SA	1851	CLR	20			059	92	27	21	10		985	503	CRD
SA	1950	CLR	20			069	91	28	21	14		988		CRD
SA	2054	CLR	20			082	89	22	22	13		992		CRD
SA	2150	CLR	20			085	88	25	22	10		993	224 98	CRD
SA	2250	CLR	20			086	87	29	21	10		994		CRD
SA	2351	CLR	20			086	86	28	24	10		994		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-[illegible] [illegible] 3F P.P.P. 4P[illegible] [illegible] BN, C1, C2, C3 plus regional and national data groups.

NATIONAL WEATHER SERVICE

[illegible]

SURFACE WEATHER OBSERVATIONS

DATE JUL 10 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.380			11	0															0	0	.000			00-01
01 50	26.385			9	0															0					01-02
02 50	26.390			10	0															0					02-03
03 51	26.430			9	0	0	CI	250												0	3	.050			03-04
04 52	26.450			8	0															0					04-05
05 52	26.470			13	0															0					05-06
06 50	26.490			8	0	0	CI	250												0	2	.060			06-07
07 52	26.510			9	0															0					07-08
08 50	26.525			7	0															0					08-09
09 52	26.530			6	0															0	1	.040			09-10
10 52	26.525			6	0															0					10-11
11 51	26.510			6	0															0					11-12
12 51	26.500			6	0															0	7	.030			12-13
13 52	26.490			7	0															0					13-14
14 50	26.480			7	0															0					14-15
15 51	26.470			7	0															0	7	.030			15-16
16 50	26.450			7	0															0					16-17
17 50	26.450			8	0															0					17-18
18 51	26.460			10	0															0	5	.010			18-19
19 50	26.485			10	0															0					19-20
20 54	26.520			9	0															0					20-21
21 50	26.530			10	0															0	2	.070			21-22
22 50	26.535			12	0															0					22-23
23 51	26.540			12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	87	80	X	X						X		
	0349	1	0	0	0	90	80		0								
	0950	2	0	0	0	90	79		0								
	1547	3	0	0	0	98	89		0								
	2147	4	0	0	0	97	87		0								
	MID.	X	0	0	0	88	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1550	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.530	26.470	26.530
BAROGRAPH 64	26.425	26.520	26.475	26.525
BAR. CORR. 65	+.005	+.010	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	79	0	0	0	33	SW	1148					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0434 SUNSET 1905

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 10755 / 1800 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

DATE JUL 11 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			089	85	29	17	08		995	205	CRD
SA	0150	CLR	20			089	85	30	19	05		995		CRD
SA	0250	CLR	20			090	84	30	20	10	G17	995		CRD
SA	0352	250 - BKN	20			098	77	30	33	06		996	205 1001 76 RADAT50139	SH
SA	0450	140 SCT E250 BKN	20			105	78	31	03	05		999		SH
SA	0550	140 SCT E250 OVC	20			113	80	35	02	05		001		SH
SA	0652	140 SCT E250 OVC	20			122	84	36	29	06		004	222 1072	SH
SA	0750	140 SCT E250 OVC	20			127	86	42	30	04		005		SH
SA	0850	140 SCT E250 OVC	20			126	90	41	23	14		005		SH
SA	0950	90 SCT 140 SCT E250 OVC	20			131	89	36	21	13		006	108 1177 76	SH
SA	1050	90 SCT E140 OVC	20			136	88	49	14	10		007		SH
SA	1150	90 SCT E140 OVC	20			141	87	51	12	08		008		SH
SA	1250	90 SCT E140 OVC	20			141	86	50	12	14	G21	008	RWU SE / 107 117 /	SH
SA	1350	E80 BKN 140 OVC	20			160	79	53	11	09		013	RB32E45 RWU W	SH
SA	1450	140 SCT E250 OVC	20			151	82	50	13	16		011		SH
SA	1550	E140 BKN 250 OVC	20			155	83	48	11	15		011	00500 1077 90 RADAT 84138	CRD
SA	1654	E140 BKN 250 OVC	20			133	83	47	10	15		007		CRD
SA	1750	E140 BKN 250 OVC	20			138	83	47	12	10		006		CRD
SA	1852	140 SCT E250 OVC	20			143	82	47	12	05		008	507 1077	CRD
SA	1950	140 SCT E250 OVC	20			143	77	46	13	06		008		CRD
SA	2052	250 - ⊕ OVC	20			149	76	49	10	04		009		CRD
SA	2154	250 - BKN	20			149	76	49	11	05		009	105 1008 90	CRD
SA	2250	140 SCT 250-BKN	20			151	73	47	09	07		009		CRD
SA	2350	140 SCT 250-BKN	20			152	71	48	05	08		009		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII [illegible] TTT 2[illegible] $T_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRtg 7wwW1W2 8N[illegible] [illegible] regional and national data [illegible]

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 1 1 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.545			13	0															0	2	.015			00-01
01 50	26.550			14	0															0					01-02
02 50	26.550			14	0															0					02-03
03 52	26.560			17	6	6	CI	250												3	2	.015			03-04
04 50	26.580			18	8															5					04-05
05 50	26.600			20	10															6					05-06
06 52	26.625			18	10	1	AC	140	9	CI	E250	10								7	2	.065			06-07
07 50	26.640			22	10															7					07-08
08 50	26.640			19	10															7					08-09
09 50	26.650			15	10	2	CU	90	1	AC	140	3	7	CS	E250	10				10	1	.025			09-10
10 50	26.660			26	10															10					10-11
11 50	26.670			29	10															10					11-12
12 50	26.670			29	10	4	CU	90	6	AC	E140	10								10	1	.020			12-13
13 50	26.710			41	10															10					13-14
14 50	26.690			33	10															10					14-15
15 50	26.685			30	10	6	AC	E140	4	CS	250	10								10	0	.015			15-16
16 54	26.660			29	10															10					16-17
17 50	26.650			29	10															10					17-18
18 52	26.665			30	10	4	AC	140	6	CS	E250	10								8	5	.020			18-19
19 50	26.670			34	10															8					19-20
20 52	26.680			40	10															5					20-21
21 54	26.680			39	8	8	CS	250												4	1	.015			21-22
22 50	26.680			40	7															3					22-23
23 50	26.680			44	6															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	86	76	X	X						X		
	0350	1	0	0	0	88	76		0								
	0949	2	0	0	0	90	76		0								
	1546	3	T	0	0	89	77		0								
	2148	4	0	0	0	84	74		0								
	MID.	X	0	0	0	76	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1549	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.650	26.685	26.680
BAROGRAPH 64	26.560	26.650	26.690	26.675
BAR. CORR. 65	0	0	-.005	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	71	T	0	0	22	SW	0902					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1332	1345			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0434 SUNSET 1904

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10400 / 1800 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 12 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	140 SCT 250-BKN	20			152	71	49	08	05		009	400 1078	CRD
SA	0150	250 - SCT	20			159	68	46	09	05		009		CRD
SA	0250	250-BKN	20			161	66	46	04	04		011		CRD
SA	0355	250 - BKN SCT	20			165	65	47	11	03		012	307 1008 65 RADAT	MR
/													78134	/
SA	0450	250 - SCT	20			172	63	46	07	03		014	AC NW	MR
SA	0551	250 SCT	20			173	70	48	00	00		015	ACCAS SW-W	MR
SA	0652	130 SCT E250 BKN	20			171	75	51	12	05		015	ACCAS NW 110 1081	MR
SA	0752	100 SCT 140 SCT 250 SCT	20			175	80	50	07	02		016	TCU NE SE ACCAS N	MR
SA	0852	CLR	20			170	84	50	32	03		015	TCU N-NE FEW AC	MR
SA	0955	CLR	20			166	88	47	24	11G18		015	CB DSNT NW TCU OMTNS SE	MR
/													802 1370 63	/
SA	1053	100 SCT 160 SCT	20			164	91	46	25	14G20		014	CB DSNT NW TCU ALQDS	MR
SA	1156	100 SCT	20			158	92	43	20	12G20		013	CB E AND W-N TCU ALQDS	MR
SA	1251	110 SCT	20			152	93	42	24	15G22		011	CB VIRGA NW TCU ALQDS	MR
/													812 1300	/
SA	1354	110 SCT	20			151	94	35	24	13G21		010	CB E TCU ALQDS	MR
SA	1451	110 SCT 160 SCT	20			148	95	36	21	10G20		009	CB DSNT NE TCU ALQDS	MR
SA	1550	100 SCT	20			144	95	37	24	14		007	810 1100 96 RADAT 62138	HS
SA	1650	100 SCT	20			141	93	38	20	04		006		HS
SA	1751	CLR	20			139	92	38	23	05		006	FEW CU	HS
SA	1851	CLR	20			137	91	38	20	08		006	FEW CU 603 1100	HS
SA	1950	CLR	20			141	86	38	18	05		007	FEW CU	HS
SA	2052	CLR	20			145	82	38	11	05		008		HS
SA	2152	CLR	20			141	82	38	08	07		008	107 96	HS
SA	2250	CLR	20			141	82	37	09	06		008		HS
SA	2350	CLR	20			148	74	36	02	07		009		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM 12 [illegible] 4P [illegible] 5[illegible] ARDTTTR 7[illegible] WWW 8NhCLCMCH plus regional and national data groups

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE JUL 12 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.680			46	6	1	AC	140	5	CS	250	6								3	4	.000			00-01
01 50	26.690			45	3															1					01-02
02 50	26.690			49	6															2					02-03
03 55	26.700			52	4	4	CS	250												0	3	.020			03-04
04 50	26.715			54	2															0					04-05
05 51	26.730			46	4															3					05-06
06 52	26.730			42	6	5	ACCAS	130	1	CI	250	6								5	1	.030			06-07
07 52	26.740			35	4															4					07-08
08 52	26.730			31	0															0					08-09
09 55	26.725			24	0	0	CB	100	0	AC	150	0								0	8	.005			09-10
10 53	26.720			21	1															1					10-11
11 56	26.705			18	3															3					11-12
12 51	26.690			18	2	2	CB	110												2	8	.035			12-13
13 54	26.685			13	2															2					13-14
14 51	26.675			13	2															2					14-15
15 50	26.660			13	2	2	CU	100												2	8	.030			15-16
16 50	26.650			15	1															1					16-17
17 51	26.650			15	0															0					17-18
18 51	26.650			16	0	0	CU	100												0	6	.010			18-19
19 50	26.660			18	0															0					19-20
20 52	26.670			21	0															0					20-21
21 52	26.670			21	0															0	1	.020			21-22
22 50	26.670			20	0															0					22-23
23 50	26.680			24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	72	65	X	X						X		
	0351	1	0	0	0	76	65		0								
	0952	2	0	0	0	88	63		0								
	1548	3	0	0	0	96	88		0								
	2150	4	0	0	0	96	82		0								
	MID.	X	0	0	0	83	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0955	1549	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.725	26.660	26.670
BAROGRAPH 64	26.710	26.745	26.680	26.685
BAR. CORR. 65	-.010	-.020	-.020	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	63	0	0	0	25	S	1215					2	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0435 SUNSET 1904

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: /0451 / /1905/

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 13 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			145	79	42	05	13		009	103	HS
SA	0150	CLR	20			146	77	42	09	08		009		HS
SA	0250	CLR	20			146	76	42	05	10		009		HS
SA	0353	CLR	20			156	73	40	00	00		012	307 73 RADAT 63135	MR
SA	0453	CLR	20			158	72	39	06	02		013		MR
SA	0554	CLR	20			157	78	42	04	11		013		MR
SA	0651	CLR	20			158	82	43	04	13		014	205	MR
SA	0752	CLR	20			161	85	42	04	12		014	Cu OMTNS SE	MR
SA	0850	CLR	20			156	89	40	04	04		013	FEW Cu	MR
SA	0956	CLR	20			148	94	40	29	05		012	807 1100 70	MR
SA	1053	130 SCT	20			145	95	40	25	05		010	TCU E	MR
SA	1151	130 SCT	20			138	97	40	32	08		007	MDT Cu ALQDS	MR
SA	1254	130 SCT	20			125	98	38	32	05		005	MDT Cu ALQDS 820 1200	MR
SA	1353	130 SCT	20			120	100	36	21	10		003	TCU SE MDT Cu ALQDS	MR
SA	1452	130 SCT	20			113	100	36	23	11		001	TCU E-SE	MR
SA	1551	120 SCT	20			104	100	35	33	05		998	TCU SE 820 1200 01	/
/													RADAT 61145	HS
SA	1652	120 SCT	20			100	99	35	24	12		996	TCU NE	HS
SA	1750	CLR	20			097	97	34	28	08		996	FEW CU	HS
SA	1850	CLR	20			098	95	32	25	08		997	FEW CU 503 1100	HS
SA	1950	CLR	20			102	88	30	35	04		997	FEW CU	HS
SA	2050	CLR	20			108	83	28	06	05		999		HS
SA	2150	CLR	20			105	81	26	07	04		999	105 01	HS
SA	2251	CLR	20			107	78	25	03	04		999		HS
SA	2350	CLR	20			103	78	27	08	03		998		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII IIIII $I_R I_X$ hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUL 13 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.680			27	0															0	1	.010			00-01
01 50	26.680			28	0															0					01-02
02 50	26.680			30	0															0					02-03
03 53	26.700			31	0															0	3	.020			03-04
04 53	26.705			31	0															0					04-05
05 54	26.710			28	0															0					05-06
06 51	26.715			25	0															0	2	.015			06-07
07 52	26.720			23	0															0					07-08
08 50	26.710			18	0															0					08-09
09 56	26.695			16	0	0	Cu	130												0	8	.020			09-10
10 53	26.685			15	1															1					10-11
11 51	26.660			14	1															1					11-12
12 54	26.635			13	3	3	Cu	130												3	8	.060			12-13
13 53	26.620			11	3															3					13-14
14 52	26.600			11	2															2					14-15
15 51	26.575			11	2	2	Cu	120												2	8	.060			15-16
16 52	26.560			11	2															2					16-17
17 50	26.560			11	0															0					17-18
18 50	26.565			11	0	0	Cu	120												0	5	.010			18-19
19 50	26.570			12	0															0					19-20
20 50	26.580			13	0															0					20-21
21 50	26.580			13	0															0	1	.015			21-22
22 51	26.580			14	0															0					22-23
23 50	26.575			15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		79	73										
	0349	1	0	0	0	83	73		0								
	0950	2	0	0	0	94	70		0								
	1549	3	0	0	0	101	92		0								
	2148	4	0	0	0	101	81		0								
	MID.		0	0	0	81	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0955	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.695	26.575	26.580
BAROGRAPH 64	26.710	26.695	26.585	26.585
BAR. CORR. 65	-.010	0*	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	70	0	0	0	18	SW	1526					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0436 SUNSET 1904

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /0851/ /1855/

* BAROGRAPH CHANGED AND RESET TO ZERO CURR.

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 14 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0050	CLR	20			101	77	27	04	06		997	803	HS
SA	0150	CLR	20			101	75	28	12	06		997		HS
SA	0250	CLR	20			104	72	27	36	06		997		HS
SA	0353	CLR	20			103	73	27	05	06		997	400 1050 71 RADAT	MR
/													44143	/
SA	0456	100 SCT	20			112	75	27	08	07		001		MR
SA	0552	100 SCT	20			112	81	30	33	03		001		MR
SA	0654	~~100 SCT~~ CLR	20			110	88	33	07	05		001	110 1070	MR
SA	0752	CLR	20			111	90	34	04	06		001	FEW CU	MR
SA	0852	CLR	20			108	94	36	35	06		000	FEW CU	MR
SA	0954	CLR	20			105	97	38	19	08		999	807 1100 71	MR
SA	1053	120 SCT	20			099	100	36	22	16	G22	997		MR
SA	1151	120 SCT	20			096	100	36	23	11	G18	996		MR
SA	1250	120 SCT	20			089	101	36	17	11		994	814 1100	MR
SA	1353	120 SCT	20			080	102	37	31	10		992		MR
SA	1451	120 SCT	20			071	103	34	20	14		988		MR
SA	1550	CLR	20			066	102	32	22	08		987	FEW CU 720 1100 04	/
/													RADAT 59149	HS
SA	1650	CLR	20			059	101	31	24	15		985	FEW CU	HS
SA	1750	CLR	20			058	100	31	25	12		986	FEW CU	HS
SA	1850	CLR	20			059	97	23	23	13		986	FEW CU 503 1100	HS
SA	1950	CLR	20			064	93	20	25	07		987		HS
SA	2050	CLR	20			072	86	20	11	03		990		HS
SA	2151	CLR	20			071	86	25	35	04		990	110 04	HS
SA	2250	CLR	20			068	91	31	21	14		990		HS
SA	2350	CLR	20			070	85	31	06	04		990		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii ipi iHVV Nddff 1snTTT 2snT'dT'dT'd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH ... regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUL 14 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.570			16	0															0	8	.010			00-01
01 50	26.570			18	0															0					01-02
02 50	26.570			18	0															0					02-03
03 53	26.570			18	0	0	Ac	100												0	4	.000			03-04
04 56	26.595			17	1															1					04-05
05 52	26.600			15	1															1					05-06
06 54	26.600			14	0	0	Ac	100												0	1	.030			06-07
07 52	26.600			14	0															0					07-08
08 52	26.590			13	0															0					08-09
09 51	26.580			13	0	0	Cu	120												0	8	.020			09-10
10 53	26.565			11	1															1					10-11
11 51	26.560			11	2															2					11-12
12 50	26.540			11	1	1	Cu	120												1	8	.040			12-13
13 53	26.515			11	2															2					13-14
14 51	26.490			9	1															1					14-15
15 50	26.480			9	0	0	Cu	120												0	7	.060			15-16
16 50	26.460			9	0															0					16-17
17 50	26.465			9	0															0					17-18
18 50	26.470			7	0	0	Cu	120												0	5	.010			18-19
19 50	26.480			7	0															0					19-20
20 50	26.500			9	0															0					20-21
21 51	26.500			11	0															0	1	.030			21-22
22 50	26.500			12	0															0					22-23
23 50	26.500			14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	78	71	X	X						X		
	0349	1	0	0	0	81	71		0								
	0951	2	0	0	0	97	73		0								
	1549	3	0	0	0	104	96		0								
	2149	4	0	0	0	103	85		0								
	MID.	X	0	0	0	91	84	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62		-		
STA. PRESS. 63	26.570	26.580	26.480	26.500
BAROGRAPH 64	26.575	26.590	26.490	26.500
BAR. CORR. 65	-.005	-.010	-.010	-.000

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	71	0	0	0	25	SW	1553					1	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0436 SUNSET 1903

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1045z / 1833z

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 15 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mhs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			070	83	31	35	05		990	400	HS
SA	0150	CLR	20			071	80	31	04	05		990		HS
SA	0250	CLR	20			075	83	31	30	09		991		HS
SA	0354	CLR	20			079	83	31	31	04		992	307 78 RADAT 20154	MR
SA	0450	CLR	20			083	84	32	30	06		993		MR
SA	0555	CLR	20			090	85	33	26	06		995		MR
SA	0650	CLR	20			094	89	31	20	14		996	214	MR
SA	0752	CLR	20			098	90	31	22	18	G23	997		MR
SA	0855	CLR	20			102	92	32	23	16	G22	998		MR
SA	0958	CLR	20			101	94	21	20	20	G28	998	105 78	MR
SA	1050	CLR	20			096	96	26	19	21	G30	997		MR
SA	1153	CLR	20			097	98	22	18	21	G28	997		MR
SA	1251	CLR	20			091	98	23	20	18	G27	995	808	MR
SA	1351	CLR	20			093	98	24	22	20	G26	995		MR
SA	1451	CLR	20			084	98	24	19	21	G27	993		MR
SA	1552	CLR	20			075	99	23	18	13	G26	991	814 00 RADAT 20157	HS
SA	1650	CLR	20			073	98	22	22	16	G26	991		HS
SA	1750	CLR	20			072	96	19	21	16	G24	990		HS
SA	1850	CLR	20			075	93	17	21	16	G27	991	500	HS
SA	1950	CLR	20			081	91	20	21	14	G23	993		HS
SA	2050	CLR	20			087	88	24	17	09		994		HS
SA	2150	CLR	20			090	87	24	19	07		995	214 00	HS
SA	2250	CLR	20			089	84	18	17	09		995		HS
SA	2350	CLR	20			091	82	20	20	03		995		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: [illegible] plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK, NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUL 15 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.500			16	0															0	4	.000			00-01
01 50	26.500			17	0															0					01-02
02 50	26.510			15	0															0					02-03
03 54	26.520			16	0															0	3	.020			03-04
04 50	26.530			15	0															0					04-05
05 55	26.550			15	0															0					05-06
06 50	26.560			12	0															0	2	.040			06-07
07 52	26.570			12	0															0					07-08
08 55	26.575			12	0															0					08-09
09 58	26.575			7	0															0	1	.015			09-10
10 50	26.570			8	0															0					10-11
11 53	26.565			7	0															0					11-12
12 51	26.550			7	0															0	8	.025			12-13
13 51	26.550			7	0															0					13-14
14 51	26.530			7	0															0					14-15
15 52	26.510			7	0															0	8	.040			15-16
16 50	26.505			7	0															0					16-17
17 50	26.500			6	0															0					17-18
18 50	26.510			6	0															0	5	.000			18-19
19 50	26.525			7	0															0					19-20
20 50	26.540			10	0															0					20-21
21 50	26.550			10	0															0	2	.040			21-22
22 50	26.545			9	0															0					22-23
23 50	26.550			10	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X		0	X	88	78	X	X						X		
	0349	1	0	0	0	91	78		0								
	0952	2	0	0	0	95	81		0								
	1550	3	0	0	0	100	94		0								
	2148	4	0	0	0	100	86		0								
	MID.	X	0	0	0	87	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.575	26.510	26.550
BAROGRAPH 64	26.520	26.575	26.520	26.550
BAR. CORR. 65	0	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	78	0	0	0	34	S	*1457					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0437 SUNSET 1903

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10452 / 21551

*LAST OF TWO OCCURRENCES.

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 16 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			092	79	25	23	07		995	500	HS
SA	0151	CLR	20			096	80	27	25	10		996		HS
SA	0250	CLR	20			100	79	27	24	11		997	314	HS
SA	0352	CLR	20			108	76	27	25	11		000	~~34~~ 76 RADAT 20155	[illegible]
SA	0452	CLR	20			117	73	24	15	04		002		[illegible]
SA	0550	CLR	20			122	77	25	34	06		003		[illegible]
SA	0651	CLR	20			124	82	27	26	11		004	214	[illegible]
SA	0755	CLR	20			134	84	25	24	16	G21	007		[illegible]
SA	0850	CLR	20			132	87	20	24	17	G22	006		[illegible]
SA	0953	CLR	20			135	88	17	24	17	G25	007	110 69	[illegible]
SA	1056	CLR	20			132	91	16	23	17	G26	006		[illegible]
SA	1153	CLR	20			128	93	17	22	16	G29	005		[illegible]
SA	1254	CLR	20			127	93	18	23	13	G25	004	710	[illegible]
SA	1350	CLR	20			116	95	19	20	16	G22	002	C1 NW	[illegible]
SA	1455	CLR	20			114	95	19	20	17	G27	001	C1 NW	[illegible]
SA	1553	CLR	20			112	96	19	22	14	G23	000	714 1001 96 RADAT 20162	CG
SA	1652	CLR	20			110	95	18	21	12	G20	999	C1W	CG
SA	1754	CLR	20			101	94	16	21	15		996	C1W	CG
SA	1852	CLR	20			098	92	14	20	16		996	610	CG
SA	1953	CLR	20			099	89	13	19	13		996		CG
SA	2056	CLR	20			104	90	13	21	12	G24	999		CG
SA	2156	CLR	20			109	87	16	22	14		000	310 96	CG
SA	2257	CLR	20			108	87	15	21	12	G21	000		CG
SA	2352	CLR	20			113	83	12	21	07		001		CG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII IIIII I_r I_i LVV NdVV $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ $4PPPP$ $5appp$ $6RRRt_p$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROSE, [illegible]

SURFACE WEATHER OBSERVATIONS

DATE JUL 16 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.550			13	0															0	5	.000			00-01
01 51	26.560			14	0															0					01-02
02 50	26.570			15	0															0					02-03
03 52	26.590			16	0															0	3	.040			03-04
04 52	26.605			16	0															0					04-05
05 50	26.620			15	0															0					05-06
06 51	26.630			13	0															0	2	.040			06-07
07 55	26.655			12	0															0					07-08
08 50	26.650			9	0															0					08-09
09 53	26.660			7	0															0	1	.030			09-10
10 56	26.650			6	0															0					10-11
11 53	26.640			6	0															0					11-12
12 54	26.630			6	0															0	7	.030			12-13
13 50	26.610			6	0															0					13-14
14 55	26.600			6	0															0					14-15
15 53	26.590			6	0	0	CI	250												0	7	.040			15-16
16 52	26.580			6	0															0					16-17
17 54	26.580			6	0															0					17-18
18 52	26.560			6	0															0	6	.030			18-19
19 53	26.560			6	0															0					19-20
20 56	26.580			6	0															0					20-21
21 56	26.590			7	0															0	3	.030			21-22
22 57	26.590			7	0															0					22-23
23 52	26.600			7	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	83	76	X	X						X		
	0348	1	0	0	0	87	76		0								
	0949	2	0	0	0	88	69		0								
	1550	3	0	0	0	96	88		0								
	2153	4	0	0	0	96	87		0								
	MID.	X	0	0	0	87	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1552	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.660	26.590	26.590
BAROGRAPH 64	26.585	26.660	26.600	26.590
BAR. CORR. 65	+.005	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	69	0	0	0	33	5	1218					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0438 SUNSET 1902

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1054 / 1805 /

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 17 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0055	CLR	20			115	79	13	04	04		001	103	CG
SA	0152	CLR	20			116	73	14	03	07		001		CG
SA	0251	CLR	20			124	71	16	04	10		003		CG
SA	0352	CLR	20			129	70	16	01	08		004	310 70 RADAT 23168	NS
SA	0456	CLR	20			135	67	16	03	09		005		NS
SA	0551	CLR	20			139	75	21	04	07		007		NS
SA	0650	CLR	20			142	79	21	00	00		008	214	NS
SA	0755	CLR	20			141	84	24	00	00		008		NS
SA	0854	CLR	20			140	86	26	24	09		008		NS
SA	0954	CLR	20			140	88	26	25	05		008	400 67	NS
SA	1053	CLR	20			134	92	27	29	08		007		NS
SA	1153	CLR	20			131	94	26	23	13	G19	006		NS
SA	1254	CLR	20			124	97	24	28	10		004	814	NS
SA	1351	CLR	20			119	98	24	32	08		002		NS
SA	1450	CLR	20			112	99	24	24	11		000		NS
SA	1552	CLR	20			108	99	24	23	12		999	717 00 RADAT 24168	CG
SA	1653	CLR	20			106	98	22	24	11		997		CG
SA	1754	CLR	20			104	96	20	24	14		997		CG
SA	1855	CLR	20			108	93	18	24	10		999	500	CG
SA	1951	CLR	20			108	88	15	26	07		999		CG
SA	2050	CLR	20			117	81	12	02	08		001		CG
SA	2156	CLR	20			125	79	12	34	07		003	314 00	CG
SA	2252	CLR	20			123	78	12	07	04		003		CG
SA	2352	CLR	20			123	77	11	01	04		003		CG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii ii i hVV Ndff 1s TTT 2s TdTdTd 3PoPoPoPo 4PPPP 5oppp 6RRRtR 7wwW1W2 8N1C1C1C1 plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 17 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.600			8	0															0	1	.010			00-01
01 52	26.600			10	0															0					01-02
02 51	26.615			12	0															0					02-03
03 52	26.630			13	0															0	3	.030			03-04
04 56	26.640			14	0															0					04-05
05 51	26.660			13	0															0					05-06
06 50	26.670			11	0															0	2	.040			06-07
07 55	26.670			11	0															0					07-08
08 54	26.670			11	0															0					08-09
09 54	26.670			11	0															0	4	.000			09-10
10 53	26.660			10	0															0					10-11
11 53	26.650			9	0															0					11-12
12 54	26.630			7	0															0	8	.040			12-13
13 51	26.610			7	0															0					13-14
14 50	26.590			7	0															0					14-15
15 52	26.580			7	0															0	7	.050			15-16
16 53	26.570			7	0															0					16-17
17 54	26.570			6	0															0					17-18
18 55	26.580			6	0															0	5	.000			18-19
19 51	26.580			7	0															0					19-20
20 50	26.600			7	0															0					20-21
21 56	26.620			8	0															0	3	.040			21-22
22 52	26.620			8	0															0					22-23
23 52	26.620			8	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	83	70	X	X						X		
	0348	1	0	0	0	87	70		0								
	0950	2	0	0	0	89	67		0								
	1549	3	0	0	0	100	88		0								
	2153	4	0	0	0	100	79		0								
	MID.	X	0	0	0	79	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0954	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.670	26.580	26.620
BAROGRAPH 64	26.630	26.680	26.580	26.610
BAR. CORR. 65	0	-.010	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	67	0	0	0	22	SW	1432					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0438 SUNSET 1902

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1 0338 1 1700 1

BAROGRAPH CHANGED RESET TO ±.0 CORR 14:45

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 18 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			123	73	10	04	03		003	400	CG
SA	0155	CLR	20			123	74	10	16	02		003		CG
SA	0252	CLR	20			122	74	11	24	03		003		CG
SA	0350	CLR	20			124	69	10	09	03		003	400 69 RADAT 20163	DCa
SA	0451	CLR	20			130	66	10	09	08		004		DCa
SA	0550	CLR	20			136	73	12	09	05		006		DCa
SA	0654	CLR	20			140	80	13	35	03		008	317	DCa
SA	0753	CLR	20			140	88	16	30	03		008		DCa
SA	0850	CLR	20			141	93	23	18	03		008		DCa
SA	0951	CLR	20			136	97	24	31	05		007	803 66	DCa
SA	1050	CLR	20			131	99	24	27	05		006		DCa
SA	1155	CLR	20			127	100	23	20	08		005		DCa
SA	1251	CLR	20			120	102	27	31	05		003	814	DCa
SA	1350	CLR	20			113	103	27	27	08		001		DCa
SA	1451	CLR	20			109	103	28	25	07		000		DCa
SA	1553	CLR	20			111	103	27	23	14		000	610 05 RADAT 30166	CG
SA	1654	CLR	20			109	101	26	23	13		999		CG
SA	1752	CLR	20			106	100	27	24	07		999		CG
SA	1853	CLR	20			104	98	28	27	06		999	603	CG
SA	1951	CLR	20			104	89	26	36	06		999		CG
SA	2053	CLR	20			111	84	26	09	05		001		CG
SA	2155	CLR	20			114	82	28	06	04		002	310 05	CG
SA	2255	CLR	20			115	80	29	07	04		002		CG
SA	2354	CLR	20			115	78	28	23	03		002		CG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII $I_R I_X h VV$ Nddff 1s TTT 2s $T_d T_d T_d$ 3P$_o$P$_o$P$_o$P$_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 18 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.620			9	0															0	4	.000			00-01
01 55	26.620			8	0															0					01-02
02 52	26.620			9	0															0					02-03
03 50	26.620			10	0															0	4	.000			03-04
04 51	26.630			11	0															0					04-05
05 50	26.650			10	0															0					05-06
06 54	26.670			8	0															0	3	.050			06-07
07 53	26.670			7	0															0					07-08
08 50	26.670			8	0															0					08-09
09 51	26.660			7	0															0	8	.010			09-10
10 50	26.650			7	0															0					10-11
11 55	26.640			6	0															0					11-12
12 51	26.620			7	0															0	8	.040			12-13
13 50	26.600			7	0															0					13-14
14 51	26.590			7	0															0					14-15
15 53	26.590			7	0															0	6	.030			15-16
16 54	26.580			7	0															0					16-17
17 52	26.580			8	0															0					17-18
18 53	26.580			8	0															0	6	.010			18-19
19 51	26.580			10	0															0					19-20
20 53	26.600			12	0															0					20-21
21 55	26.610			14	0															0	3	.030			21-22
22 55	26.610			16	0															0					22-23
23 54	26.610			16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		77	69										
	0348	1	0	0	0	79	69		0								
	0948	2	0	0	0	97	66		0								
	1550	3	0	0	0	105	97		0								
	2152	4	0	0	0	104	82		0								
	MID.		0	0	0	84	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.660	26.590	26.610
BAROGRAPH 64	26.625	26.665	26.590	26.605
BAR. CORR. 65	-.005	-.005	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	66	0	0	0	20	SW	1523					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0439 SUNSET 1901

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1040 P / 1802 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

DATE JUL 19 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	CLR	20			115	76	27	08	03		002	400	CG
SA	0155	CLR	20			115	76	27	11	10		002		CG
SA	0251	CLR	20			114	77	27	29	03		002		CG
SA	0350	CLR	20			115	76	27	10	04		002	Ci N-S/400 1001 73	DCa
/													RADAT 68158	/
SA	0450	CLR	20			124	73	27	12	04		004	Sc NW-SE Ci ALQDS	DCa
SA	0552	CLR	20			126	80	28	10	04		005	Sc ALQDS	DCa
SA	0653	CLR	20			129	85	27	00	00		006	DSNT Sc ALQDS/214	DCa
/													1500	/
SA	0755	60 SCT	20			132	92	28	26	03		007		DCa
SA	0850	60 SCT 250 SCT	20			132	97	32	24	04		007		DCa
SA	0953	60 SCT 160 SCT 250 SCT	20			129	99	32	22	10		006	000 1131 73	DCa
SA	1052	60 SCT 160 SCT 250 SCT	20			129	102	34	22	06		006		DCa
SA	1153	60 SCT 250 SCT	20			121	105	39	23	13 G20		004		DCa
SA	1250	80 SCT 250 SCT	20			114	106	41	23	15 G29		002	814 1101	DCa
SA	1352	80 SCT 250 SCT	20			106	106	41	20	14 G29		000		DCa
SA	1450	80 SCT	20			095	106	44	30	14 G20		996	WND DRTN VRBL	DCa
SA	1550	80 SCT	20			092	106	44	25	13		996	620 1100 07 RADAT 58161	AD
SA	1650	80 SCT	20			089	105	45	24	15		995		AD
SA	1750	80 SCT	20			084	103	44	25	11		994		AD
SA	1850	250 -SCT	20			080	100	45	23	10		994	607 1001	AD
SA	1950	250 -SCT	20			085	98	45	22	08		995		AD
SA	2050	~~250~~ CLR	20			089	91	43	00	00		996		AD
SA	2150	140 SCT	20			093	89	43	02	05		997	210 1070 07	AD
SA	2250	140 SCT	20			096	88	44	01	07		998		AD
SA	2350	140 SCT	20			094	91	45	02	04		998		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Nbh $i_R i_X hVV$ Ndd/ 1s$_n$TTT 2s$_n$T$_d$T$_d$T$_d$ 3P$_0$P$_0$P$_0$P$_0$ 4PPPP 5appp 6RRR$_{tr}$ 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 19 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.610			16	0															0	4	.000			00-01
01 55	26.610			16	0															0					01-02
02 51	26.610			16	0															0					02-03
03 50	26.610			16	0	0	Ci	250												0	4	.000			03-04
04 50	26.630			18	0															0					04-05
05 52	26.640			15	0															0					05-06
06 53	26.650			13	0	0	Sc	60												0	2	.040			06-07
07 55	26.660			10	1															1					07-08
08 50	26.660			10	2															2					08-09
09 53	26.650			10	4	2	Cu	60	1	Ac	160	3	1	Ci	250	4				4	0	.000			09-10
10 52	26.650			10	3															2					10-11
11 53	26.630			11	2															2					11-12
12 50	26.610			11	2	1	Cu	80	1	Ci	250	2								2	8	.040			12-13
13 52	26.590			11	3															2					13-14
14 50	26.560			13	2															2					14-15
15 50	26.550			13	2	2	Cu	80												2	6	.060			15-16
16 50	26.540			13	1															1					16-17
17 50	26.530			14	1															1					17-18
18 50	26.530			16	1	1	Ci	250												0	6	.020			18-19
19 50	26.540			17	1															0					19-20
20 50	26.550			19	0															0					20-21
21 50	26.560			20	1	1	AC	140												1	2	.030			21-22
22 50	26.570			22	1															1					22-23
23 50	26.570			21	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		79	73										
	0348	1	0	0	0	84	73		0								
	0948	2	0	0	0	99	73		0								
	1550	3	0	0	0	107	98		0								
	2150	4	0	0	0	106	88		0								
	MID.		0	0	0	93	87										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.650	26.550	26.560
BAROGRAPH 64	26.615	26.645	26.550	26.560
BAR. CORR. 65	-.005	+.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
107	73	0	0	0	29	SW	1348					2	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0440 SUNSET 1901

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035 / 1700

MF 1-10A (5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JULY 20, 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			093	93	46	19	10		997	103	AD
SA	0150	CLR	20			091	89	46	35	06		997		AD
SA	0250	140 SCT	20			091	89	46	26	03		997		AD
SA	0351	140 SCT	20			098	85	45	09	05		999	303 1070 82 RADAT	DCa
/							~~81~~	~~44~~					48156	/
SA	0450	150 SCT 250 SCT	20			109	81	44	04	05		001		DCa
SA	0551	150 SCT 250 SCT	20			109	82	45	07	03		001		DCa
SA	0652	150 SCT 250 SCT	20			110	93	46	26	03		002	310 1031	DCa
SA	0754	80 SCT 150 SCT 250 SCT	20			113	98	46	26	05		003		DCa
SA	0851	80 SCT E150 BKN 250 BKN	20			111	99	45	23	12		002		DCa
SA	0950	80 SCT 150 SCT 250 SCT	20			111	100	45	23	12		002	000 ~~10~~ 1131 80	DCa
SA	1050	80 SCT 250 SCT	20			106	101	48	22	10G20		001		DCa
SA	1150	80 SCT 250 SCT	20		101 ~~111~~		102	46	22	10G21		000		DCa
SA	1250	80 SCT 250 SCT	20			089	104	45	22	12G25		996	817 1101	DCa
SA	1352	80 SCT 250 SCT	20			077	105	44	22	13G23		993	CB NE-SE STRNG	DCa
SA	1450	80 SCT 250 SCT	20			067	105	46	21	18G28		990	CB RW NE-SE	DCa
SA	1550	80 SCT 250 SCT	20			062	104	46	22	13G22		988	CB N-SE /727 1902 06	AD.
/	/												RADAT 65158	/
SA	1650	80 SCT 250 SCT	20			061	102	44	25	16		987		AD
SA	1750	80 SCT 250 SCT	20			061	101	44	23	15G21		987		AD
SA	1850	80 SCT 250 SCT	20			058	98	43	20	14		987	603 1202	AD
SA	1950	80 SCT 250 SCT	20			057	96	45	19	10		987		AD
SA	2050	80 SCT 250 SCT	20			061	95	43	20	11		988	DSNT LTG NE	AD
SA	2150	80 SCT 250-SCT	20			069	92	48	14	12		990	310 1101 06	AD
SA	2250	80 SCT ~~250~~	20			077	89	48	19	07		992		AD
SA	2350	CLR	20			081	87	50	14	11		994		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII Iliii $i_R i_X hVV$ Nddff $1s_nTTT$ $2s_pTTT$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE June 20, 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.570			20	0															0	1	.010			00-01
01 50	26.560			23	0															0					01-02
02 50	26.560			23	1															1					02-03
03 51	26.580			25	1	1	Ac	140												1	3	.010			03-04
04 50	26.600			27	4															3					04-05
05 51	26.600			27	4															3					05-06
06 52	26.610			20	2	1	Ac	150	1	Ci	250	2								2	3	.030			06-07
07 54	26.620			17	5															4					07-08
08 51	26.610			16	7															5					08-09
09 50	26.610			16	3	1	Cu	80	1	Ac	150	2	1	Ci	250	3				2	0	.000			09-10
10 50	26.600			17	2															2					10-11
11 50	26.590			15	2															2					11-12
12 50	26.560			14	3	2	Cu	80	1	Ci	250	3								3	8	.050			12-13
13 52	26.530			13	4															4					13-14
14 50	26.500			14	3															3					14-15
15 50	26.480			14	4	3	CB	80	1	Ci	250	4								4	7	.080			15-16
16 50	26.470			14	3															3					16-17
17 50	26.470			15	3															3					17-18
18 50	26.470			15	2	1	TCU	80	1	Ci	250	2								2	6	.010			18-19
19 50	26.470			18	3															3					19-20
20 50	26.480			17	4															4					20-21
21 50	26.500			22	4	1	Cu	80	3	Ci	250	4								1	3	.030			21-22
22 50	26.520			24	1															1					22-23
23 50	26.530			28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		93	82										
	0348	1	0	0	0	93	82		0								
	0948	2	0	0	0	101	80		0								
	1550	3	0	0	0	106	100		0								
	2150	4	0	0	0	104	91		0								
	MID.		0	0	0	92	87										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.610	26.480	26.500
BAROGRAPH 64	26.575	26.610	26.480	26.500
BAR. CORR. 65	+.005	+.000	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
106	80	0	0	0	29	SW	1350					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 2441 SUNSET 1900

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040 / 1700

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NEVADA

DATE: July 21, 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			085	86	50	12	11		995	214	AD
SA	0150	~~CLR~~ 250 - SCT	20			093	84	50	06	04		997		AD
SA	0250	~~CLR~~ 250 - SCT	20			093	83	50	32	03		997		AD
SA	0350	250-SCT	20			085	83	50	02	04		995	000 1001 82 RADAT 68150	DCa
SA	0451	250-SCT	20			094	81	51	00	00		997	Ac ALQDS	DCa
SA	0552	CLR	20			094	81	51	10	07		997	Ci ALQDS	DCa
SA	0653	CLR	20			093	87	51	26	05		997	107 1001	DCa
SA	0750	250-SCT	20			093	91	52	15	08		997		DCa
SA	0855	250-SCT	20			091	95	51	13	10		997		DCa
SA	0950	80 SCT 250-OVC	20			092	98	48	21	15	G24	997	400 1107 78	DCa
SA	1051	80 SCT 250-BKN	20			094	98	46	21	15	G22	997		DCa
SA	1150	80 SCT 250 SCT	20			090	100	47	20	12	G21	996		DCa
SA	1252	80 SCT 250 SCT	20			086	100	47	24	10	G21	995	TCu NE / 807 1201	DCa
SA	1350	80 SCT 250-BKN	20			079	101	45	21	13	G25	992	TCu NE	DCa
SA	1450	80 SCT 250-OVC	20			072	101	45	20	15	G26	990	TCu NE	DCa
SA	1550	780 SCT 250-OVC	20			064	101	45	22	16	G23	988	720 ~~15~~ 1401 02 RADAT 93148	AD
SA	1650	70 SCT 250-OVC	20			058	99	45	23	16	G24	986		AD
SA	1750	70 SCT 250-OVC	20			059	98	45	21	16		986		AD
SA	1850	250-OVC	20			057	96	46	21	15		986	607 1001	AD
SA	1950	250-OVC	20			064	94	44	21	16		988		AD
SA	2050	250-BKN	20			070	93	44	20	14	G22	990		AD
SA	2150	250-BKN	20			077	92	43	21	15	G24	992	220 1001 02	AD
SA	2250	250-BKN	20			081	91	47	21	16		994		AD
SA	2350	250-BKN	20			081	90	46	21	18		994		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

[illegible]

SURFACE WEATHER OBSERVATIONS

DATE JUNE 21, 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.540			29	0															0	2	.040			00-01
01 50	26.560			31	4															1					01-02
02 50	26.560			32	4															1					02-03
03 50	26.540			32	4	4	Ci	250												2	0	.000			03-04
04 51	26.560			36	2															1					04-05
05 52	26.560			36	0															0					05-06
06 53	26.560			29	0	0	Ci	250												0	1	.020			06-07
07 50	26.560			27	2															0					07-08
08 53	26.560			23	4															1					08-09
09 50	26.560			19	10	2	Cu	80	10	Cs	250	10								4	4	.000			09-10
10 51	26.560			17	6															2					10-11
11 50	26.550			17	4															3					11-12
12 52	26.540			17	3	2	TCu	80	1	Ci	250	3								2	8	.020			12-13
13 50	26.520			15	8															2					13-14
14 50	26.500			15	10															3					14-15
15 50	26.480			15	10	1	SC	70	9	Ci	250	10								3	7	.060			15-16
16 50	26.460			16	10															3					16-17
17 50	26.460			17	10															2					17-18
18 50	26.460			18	10	10	Ci	250												3	6	.020			18-19
19 50	26.480			18	10															3					19-20
20 50	26.500			19	6															2					20-21
21 50	26.520			18	7	7	Ci	250												2	2	.060			21-22
22 50	26.530			22	8															2					22-23
23 50	26.530			22	7															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	88	82	X	X						X		
	0348	1	0	0	0	92	82		0								
	0948	2	0	0	0	98	78		0								
	1550	3	0	0	0	102	96		0								
	2150	4	0	0	0	102	92		0								
	MID.	X	0	0	0	92	90	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.560	26.480	26.520
BAROGRAPH 64	26.550	26.560	26.480	26.520
BAR. CORR. 65	-.010	*.000	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	78	0	0	0	28	SW	1602					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0441 SUNSET 1859

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040 P / 1700 /

* MICROBAROGRAPH CHANGED; CORRECTION SET TO ZERO

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: JULY 22, 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - BKN	20			081	90	46	01	08		994	103 1001	AD
SA	0150	70 SCT 250 - SCT	20			090	84	52	06	13		996		AD
SA	0250	70 SCT 250 - SCT	20			099	82	53	02	11		998		AD
SA	0350	70 SCT 250 - BKN	20			092	81	53	04	10		996	007 1501 81 RADAT 87146	DCa
SA	0452	120 SCT E250 BKN	20			104	80	53	05	08		999		DCa
SA	0550	120 SCT 250 SCT	20			112	80	51	06	05		001		DCa
SA	0650	120 SCT 250 SCT	20			115	85	53	02	07		002	120 1031	DCa
SA	0750	120 SCT 250 SCT	20			118	89	52	25	06		003		DCa
SA	0850	120 SCT 250 SCT	20			115	88	50	25	03		002		DCa
SA	0950	120 SCT 250 SCT	20			114	92	50	00	00		002	000 1031 80	DCa
SA	1050	120 SCT 250 SCT	20			113	95	44	22	12	G21	002	Cu ALQDS	DCa
SA	1150	120 SCT 250 SCT	20			109	97	44	24	11	G20	001	Cu ALQDS	DCa
SA	1250	60 SCT 120 SCT E250 BKN	20			104	100	41	24	15	G26	000	807 1131	DCa
SA	1350	60 SCT 250 SCT	20			098	100	42	24	15	G26	998		DCa
SA	1450	60 SCT 250 SCT	20			095	100	42	22	15	G25	997		DCa
SA	1550	60 SCT 250 - SCT	20			092	100	41	22	12		996	714 1401 01 RADAT 60155	AD
SA	1650	60 SCT 250 - BKN	20			088	100	41	23	13		995		AD
SA	1750	60 SCT 140 SCT E250 BKN	20			093	98	40	24	14		996		AD
SA	1850	130 ~~140~~ SCT E250 BKN	20			096	96	42	20	16	G22	997	303 1072	AD
SA	1950	E130 BKN 250 OVC	20			099	92	50	19	16	G23	998		AD
SA	2050	E130 BKN 250 OVC	20			108	91	50	20	17	G24	000		AD
SA	2150	130 SCT 250 - BKN	20			111	90	50	20	18	G26	001	214 1071 01	AD
SA	2250	130 SCT 250 - BKN	20			110	89	51	20	17		001		AD
SA	2350	250 - SCT	20			109	88	51	20	18		001		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii ipiyhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE July 22, 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.530			22	7	7	Ci	250												2	1	.010			00-01
01 50	26.550			33	5															2					01-02
02 50	26.570			37	3															1					02-03
03 50	26.550			38	7	3	Sc	70	4	Ci	250	7								3	0	.020			03-04
04 52	26.580			39	7															5					04-05
05 50	26.600			36	5															3					05-06
06 50	26610			33	2	2	Ac	120	0	Ci	250	2								2	1	.060			06-07
07 50	26620			28	3															2					07-08
08 50	26.610			27	5															4					08-09
09 50	26.610			24	4	3	Ac	120	1	Ci	250	4								3	0	.000			09-10
10 50	26.610			17	4															3					10-11
11 50	26.600			16	5															4					11-12
12 50	26.590			13	7	2	Cu	60	2	Ac	120	4	3	Ci	E250	7				5	8	.020			12-13
13 50	26.570			14	3															2					13-14
14 50	26.560			14	2															2					14-15
15 50	26.550			13	4	1	Sc	60	3	Ci	250	4								1	7	.040			15-16
16 50	26.540			13	7															2					16-17
17 50	26.550			14	9															5					17-18
18 50	26.560			16	9	5	AC	130	4	Ci	E250	9								7	3	.010			18-19
19 50	26.570			24	10															8					19-20
20 50	26.590			25	10															8					20-21
21 50	26600			26	7	2	AC	130	5	Ci	250	7								3	2	.040			21-22
22 50	26.600			27	6															2					22-23
23 50	26.600			28	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	90	81	X	X						X		
	0348	1	0	0	0	92	81		0								
	0948	2	0	0	0	92	80		0								
	1550	3	0	0	0	101	92		0								
	2150	4	0	0	0	101	90		0								
	MID.	X	0	0	0	90	88	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.610	26.550	26.600
BAROGRAPH 64	26.560	26.610	26.550	26.600
BAR. CORR. 65	-.010	000	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	80	0	0	0	28	SW	2200					5	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0442 SUNSET 1859

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040P/ 1700/

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JULY 23, 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	250 - SCT	20			109	86	52	21	14		001	400 1001	AD
SA	0150	250 - SCT	20			113	85	48	11	04		002		AD
SA	0250	80 SCT	20			122	82	49	20	04		005		AD
SA	0350	80 SCT	20			125	79	50	36	08		005	114 1070 79 RADAT	JP
/	0459												91145	/
SA	~~2357~~	70 SCT	20			135	78	52	15	07		007		JP
SA	0555	CLR	20			138	81	52	31	05		008	FEW ~~6~~ Sc	JP
SA	0654	CLR	20			137	85	53	00	00		008	FEW Sc/110 1500	JP
SA	0754	CLR	20			141	88	53	22	07		009	FEW Sc	JP
SA	0856	CLR	20			141	89	52	24	07		009	FEW Sc SE	JP
SA	0953	CLR	20			136	92	52	22	08		008	FEW TCU E/ 000	JP
/	/												1200 78	/
SA	1054	CLR	20			131	95	51	17	05		007	FEW TCU E	JP
SA	1154	CLR	20			124	97	49	25	15		005	FEW TCU N AND E	JP
SA	1255	CLR	20			116	99	44	20	13		003	TCU N AND E/817 1200	JP
SA	1353	CLR	20			109	100	41	20	15		001	TCU N	JP
SA	1450	CLR	20			098	100	42	24	16		997	CB DSNT N	JP
SA	1551	CLR	20			095	100	37	23	14		996	CB DSNT N 720 190002	/
/													RADAT 37156	HS
SA	1650	CLR	20			092	99	39	24	16		995	CB DSNT N DSIPTD FEW CU	HS
SA	1750	CLR	20			087	98	38	24	12		994	FEW CU CI	HS
SA	1850	CLR	20			086	96	39	23	08		994	FEW CU CI 607 1101	HS
SA	1950	CLR	20			090	93	38	22	06		995	FEW CU CI	HS
SA	2050	CLR	20			096	88	37	04	06		996		HS
SA	2150	CLR	20			096	85	36	06	05		996	FEW SC 107 1400 02	HS
SA	2250	70 SCT	20			099	85	37	06	04		997		HS
SA	2350	70 SCT	20			101	85	39	31	07		999		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE July 23, 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			31	2	2	Ci	250												0	4	.000			00-01
01 50	26.620			28	2															0					01-02
02 50	26.630			32	2															2					02-03
03 52	26.640			36	1	1	Ac	80												1	1	040			03-04
04 57	26.660			41	1															1					04-05
05 55	26.670			37	0															0					05-06
06 54	26.670			34	0	0	Sc	70												0	1	030			06-07
07 54	26.680			31	0															0					07-08
08 56	26.680			28	0															0					08-09
09 53	26.670			26	0	0	TCu	70												0	0	000			09-10
10 54	26.660			23	0															0					10-11
11 54	26.640			20	0															0					11-12
12 55	26.620			15	0	0	TCu	70												0	8	050			12-13
13 53	26.600			13	0															0					13-14
14 50	26.570			14	0															0					14-15
15 51	26.560			11	0	0	CB	70												0	7	.060			15-16
16 50	26.550			13	0															0					16-17
17 50	26.540			12	0															0					17-18
18 50	26.540			14	0	0	Cu	70	0	Ci	250	0								0	6	.020			18-19
19 50	26.550			15	0															0					19-20
20 50	26.560			17	0															0					20-21
21 50	26.560			18	0	0	Sc	70												0	1	.020			21-22
22 50	26.570			18	1															1					22-23
23 50	26.580			20	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	88	79	X	X						X		
	0350	1	0	0	0	90	79		0								
	0951	2	0	0	0	93	78		0								
	1549	3	0	0	0	102	92		0								
	2148	4	0	0	0	101	85		0								
	MID.	X	0	0	0	86	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.670	26.560	26.560
BAROGRAPH 64	26.630	26.670	26.555	26.555
BAR. CORR. 65	+010	0	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	78	0	0	0	30	SW	1738					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0443 SUNSET 1858

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED ~~1-MIN.~~ WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1053P / 2155 /

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE 24 JULY, 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	70 SCT	20			101	82	41	36	08		999	107 1400	HS
SA	0150	70 SCT	20			102	82	41	28	05		999		HS
SA	0250	CLR	20			104	77	43	36	09		999	FEW SC	HS
SA	0353	CLR	20			108	77	42	05	03		000	FEW SC / 303 1500	JP
/	/												76 RADAT 77147	/
SA	0454	CLR	20			116	76	42	34	03		002	FEW SC	JP
SA	0555	CLR	20			117	81	43	04	05		003	FEW SC	JP
SA	0657	CLR	20			116	86	47	31	06		003	FEW SC / 110 1500	JP
SA	0753	CLR	20			116	89	46	00	00		003		JP
SA	0856	CLR	20			114	92	47	23	09		002		JP
SA	0953	CLR	20			114	94	44	23	10		002	FEW CU N / 603 1100 75	JP
SA	1054	CLR	20			110	96	45	23	10		001	TCU DSNT N	JP
SA	1155	CLR	20			101	99	41	26	15		999	TCU N AND E	JP
SA	1254	CLR	20		094	~~100~~	~~44~~ 100	41	22	12		996	FEW CU / 817 1100	JP
/	/													/
SA	1353	CLR	20			081	102	41	23	16	625	993	FEW CU	JP
SA	1457	CLR	20			076	103	39	19	17		991	FEW CU CI	JP
SA	1550	CLR	20			069	101	36	23	14	632	988	FEW CU CI 724 1101 03	/
/													RADAT 64152	HS
SA	1650	CLR	20			067	100	37	23	12		987	FEW CU CI	HS
SA	1751	CLR	20			065	99	36	22	12		987	FEW CU CI	HS
SA	1850	CLR	20			060	96	38	21	10		986	FEW CU 707 1100	HS
SA	1950	CLR	20			064	93	37	24	05		987	FEW CU	HS
SA	2050	CLR	20			074	86	36	04	04		990		HS
SA	2150	CLR	20			073	85	37	02	04		990	110 03	HS
SA	2250	CLR	20			076	87	34	33	09		991	OCNL DSNT LTGIC NE	HS
SA	2350	~~CLR~~ 80 SCT	20			079	84	33	03	08		992		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII [illegible] 2s$_n$T$_a$T$_a$T$_a$ 3P$_o$P$_o$P$_o$P$_o$ 4PPPP 5a$_p$p$_p$p$_p$ 6RRR$_t$ 7w$_w$W$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus remarks and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 24 JULY, 1989

To convert LST to GMT ADD ____ hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.580			24	1	1	Sc	70												1	1	.020			00-01
01 50	26.580			24	1															1					01-02
02 50	26.580			29	0															0					02-03
03 53	26.590			29	0	0	Sc	70												0	3	010			03-04
04 54	26.610			30	0															0					04-05
05 55	26.620			26	0															0					05-06
06 57	26.620			26	0	0	Sc	70												0	1	030			06-07
07 53	26.620			23	0															0					07-08
08 56	26.610			21	0															0					08-09
09 53	26.610			18	0	0	Cu	70												0	6	010			09-10
10 54	26.600			18	0															0					10-11
11 55	26.580			14	0															0					11-12
12 54	26.560			13	0	0	Cu	70												0	8	050			12-13
13 53	26.530			13	0															0					13-14
14 51	26.510			11	0															0					14-15
15 50	26.490			11	0	0	Cu	70	0	Ci	250	0								0	7	.070			15-16
16 50	26.480			12	0															0					16-17
17 51	26.480			12	0															0					17-18
18 50	26.470			13	0	0	Cu	70												0	7	.070			18-19
19 50	26.480			14	0															0					19-20
20 50	26.500			17	0															0					20-21
21 50	26.500			18	0															0	1	.030			21-22
22 50	26.510			15	0															0					22-23
23 50	26.520			17	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	86	76	X	X						X		
	0351	1	0	0	0	86	76		0								
	0951	2	0	0	0	94	75		0								
	1548	3	0	0	0	103	94		0								
	2148	4	0	0	0	102	84		0								
	MID.	X	0	0	0	87	83	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.610	26.490	26.500
BAROGRAPH 64	26.585	26.605	26.495	26.500
BAR. CORR. 65	+005	+005	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	6 am SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	75	0	0	0	32	SW	1548					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0444 SUNSET 1857

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1052P / 2059 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE 25 JULY, 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	80 SCT	20			079	83	35	05	07		992	107 1400	HS
SA	0150	CLR	20			078	83	45	02	08		992	FEW SC	HS
SA	0250	CLR	20			078	83	46	05	12		992		HS
SA	0355	CLR	20			086	82	46	04	11		994	307 82 RADAT 62147	JP
SA	0453	CLR	20			095	79	46	05	08		996		JP
SA	0555	CLR	20			098	83	46	07	03		997	FEW SC	JP
SA	0653	CLR	20			098	86	46	29	05		997	FEW SC / 110 1500	JP
SA	0753	CLR	20			101	91	46	03	03		999	FEW SC SE	JP
SA	0857	CLR	20			099	93	45	28	03		997	FEW SC	JP
SA	0954	CLR	20			099	95	44	15	03		997	FEW CU / 000 1100 79	JP
SA	1053	CLR	20			094	99	43	24	10		996	TCU E	JP
SA	1156	70 SCT	20			090	100	43	23	10		995	CB DSNT E	JP
SA	1255	70 SCT	20			083	100	43	24	09		993	CB E LTL MVMT /	JP
/	/												814 1900	/
SA	1353	70 SCT	20			074	102	42	26	07		991	CB NE MOVG NEWD	JP
SA	1450	70 SCT	20			063	103	39	28	11		987	CB NE MOVG NEWD	JP
SA	1550	CLR	20			055	102	38	25	14		985	CB MOVD NE TCU NE 724	/
/													1200 03 RADAT 67150	HS
SA	1650	CLR	20			053	101	36	26	14		984	FEW CU CI	HS
SA	1750	CLR	20			055	100	36	26	12		985	CB TP DSNT NE	HS
SA	1850	CLR	20			060	97	35	28	09		986	CB TP DSNT NE 303 1900	HS
SA	1950	CLR	20			064	91	33	00	00		987	FEW CU	HS
SA	2050	CLR	20			073	87	32	09	06		990		HS
SA	2150	CLR	20			070	90	36	11	03		990	110 03	HS
SA	2250	CLR	20			077	89	37	13	11		992		HS
SA	2350	CLR	20			076	89	42	11	11		992		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

2s-T, T, 3P, P, P, 4PPPP 5appp 6RRR 7wwW, W, 8N, C, C, C, plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 25 JULY, 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.520			18	4	4	Sc	80												4	1	.020			00-01
01 50	26.520			27	0															0					01-02
02 50	26.520			28	0															0					02-03
03 55	26.540			29	0															0	3	.020			03-04
04 53	26.560			31	0															0					04-05
05 55	26.570			28	0															0					05-06
06 53	26.570			25	0	0	Sc	70												0	1	.030			06-07
07 53	26.580			21	0															0					07-08
08 57	26.570			19	0															0					08-09
09 54	26.570			17	0	0	Cu	70												0	0	.000			09-10
10 53	26.560			15	0															0					10-11
11 56	26.550			14	1															1					11-12
12 55	26.530			14	1	1	CB.	70												1	8	.040			12-13
13 53	26.510			13	1															1					13-14
14 50	26.480			11	1															1					14-15
15 50	26.460			11	0	0	Cu	70												0	7	.070			15-16
16 50	26.450			11	0															0					16-17
17 50	26.460			11	0															0					17-18
18 50	26.470			11	0	0	CB	70												0	3	.010			18-19
19 50	26.480			13	0															0					19-20
20 50	26.500			14	0															0					20-21
21 50	26.500			15	0															0	1	.030			21-22
22 50	26.520			16	0															0					22-23
23 50	26.520			19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	85	82	X	X						X		
	0353	1	0	0	0	87	82		0								
	0952	2	0	0	0	95	79		0								
	1548	3	0	0	0	103	95		0								
	2148	4	0	0	0	102	87		0								
	MID.	X	0	0	0	91	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0954	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.570	26.460	26.500
BAROGRAPH 64	26.525	26.550	26.475	26.510
BAR. CORR. 65	+015	+020	+015	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNRL TO (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	79	0	0	0	26	W	1413					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0445 SUNSET 1856

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MANUAL WIND SPEED M.P.H. OR FASTEST M.E.E. M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1051 3P / 2353 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE 26 JULY, 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			082	83	37	00	00		993	110	HS
SA	0150	CLR	20			086	80	37	31	06		994		HS
SA	0250	CLR	20			091	77	39	36	06		995		HS
SA	0352	CLR	20			097	76	41	02	08		996	210 76 RADAT 75147	EP
SA	0455	CLR	20			102	75	41	14	08		998		EP
SA	0553	CLR	20			104	79	42	15	03		999		EP
SA	0652	250-SCT	20			106	88	42	06	04		000	210 1001	EP
SA	0751	250-SCT	20			109	91	42	00	00		001		EP
SA	0852	250-BKN	20			107	95	42	13	06		000		EP
SA	0954	250-SCT	20			105	97	42	22	18G	25	000	000 1001 74	EP
SA	1052	250-SCT	20			099	98	42	23	19G	25	998	FEW CU	EP
SA	1150	80SCT 250-SCT	20			093	100	41	22	18G	26	997		EP
SA	1251	80SCT 250 SCT	20			091	100	42	20	17		996	614 1101	EP
SA	1350	90SCT 250SCT	20			088	100	43	22	19G	26	995		EP
SA	1450	90SCT 120 SCT	20			084	101	41	22	19G	25	993		EP
SA	1550	90SCT	20			083	100	40	22	18G	26	992	710 1100 02 RADAT 59154	CH
SA	1650	90SCT	20			080	99	40	22	18G	23	991		CH
SA	1750	CLR	20			083	97	39	22	16G	24	992		CH
SA	1850	CLR	20			080	95	34	22	15		992	500	CH
SA	1950	CLR	20			087	93	34	22	12		995		CH
SA	2050	CLR	20			094	92	35	22	12		997		CH
SA	2150	CLR	20			093	91	36	21	10		997	114 02	CH
SA	2250	CLR	20			093	91	37	21	14		997		CH
SA	2350	CLR	20			100	89	41	22	15		999		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII [illegible] TTT 2sn T, TdT; 3P, P, P, P; 4PPPP 5appp [illegible]

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 26 JULY, 1989

To convert LST to GMT ADD 0 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.530			19	0															0	1	.030			00-01
01 50	26.540			22	0															0					01-02
02 50	26.550			25	0															0					02-03
03 52	26.560			29	0															0	2	.030			03-04
04 55	26.570			29	0															0					04-05
05 53	26.580			27	0															0					05-06
06 52	26.590			20	1	1	CI	250												0	2	.030			06-07
07 51	26.595			18	2															0					07-08
08 52	26.590			16	6															2					08-09
09 54	26.590			15	4	4	CI	250												1	0	.000			09-10
10 52	26.575			15	4															1					10-11
11 50	26.560			13	2															1					11-12
12 51	26.550			14	1	1	CU	80	0	CI	250	1								1	6	.040			12-13
13 50	26.540			14	1															1					13-14
14 50	26.525			13	1															1					14-15
15 50	26.520			13	1	1	CU	90												1	7	.030			15-16
16 50	26.510			13	1															1					16-17
17 50	26.520			14	0															0					17-18
18 50	26.520			13	0															0	5	.000			18-19
19 50	26.540			13	0															0					19-20
20 50	26.560			13	0															0					20-21
21 50	26.560			14	0															0	1	.040			21-22
22 50	26.560			15	0															0					22-23
23 50	26.580			19	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		90	76										
	0347	1	0	0	0	91	76		0								
	0949	2	0	0	0	97	74		0								
	1548	3	0	0	0	102	97		0								
	2148	4	0	0	0	100	91		0								
	MID.		0	0	0	91	88										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.590	26.520	26.5[illegible]
BAROGRAPH 64	26.550	26.600	26.525	26.5[illegible]
BAR. CORR. 65	+.010	-.010	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	74	0	0	0	30	SW	1207					2	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0446 SUNSET 1855

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1 MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10800 / 1630 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 27 JULY 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			100	89	42	18	07		999	207	CH
SA	0150	CLR	20			101	87	38	20	08		999		CH
SA	0250	CLR	20			109	84	39	23	06		001		CH
SA	0352	CLR	20			111	82	35	20	08		001	107 80 RADAT 32153	EP
SA	0450	CLR	20			118	78	31	00	00		003		EP
SA	0551	CLR	20			122	84	30	17	03		005		EP
SA	0653	CLR	20			125	90	31	17	13		006	114	EP
SA	0750	CLR	20			131	91	35	20	13		007		EP
SA	0850	CLR	20			124	94	35	25	14		006		EP
SA	0953	CLR	20			124	95	43	20	10		006	000 74	EP
SA	1058	CLR	20			124	97	41	19	16	G23	006	FEW CU	EP
SA	1154	CLR	20			119	97	41	18	13	G20	004	FEW CU SE	EP
SA	1254	CLR	20			111	98	41	19	14	G23	002	FEW CU SE/ 812 1100	EP
SA	1355	CLR	20			104	98	47	20	14	G24	000	CU NE-SE	EP
SA	1453	CLR	20			095	99	45	22	15	G23	997	CU NE-SE	EP
SA	1550	CLR	20			088	98	43	21	17	G25	995	CU NE-SE/ 722 1200 00	CH
/													RADAT 33154	/
SA	1650	CLR	20			087	98	44	23	17		994	CU NE-SE	CH
SA	1750	CLR	20			088	96	45	22	14		995	CU E	CH
SA	1850	250 SCT	20			087	94	45	22	10		995	500 1001	CH
SA	1950	250 SCT	20			091	92	45	18	08		996		CH
SA	2050	250 SCT	20			099	89	45	15	06		998		CH
SA	2150	250 SCT	20			102	90	54	15	06		999	214 1001 00	CH
SA	2250	250 SCT	20			106	88	58	21	16		000		CH
SA	2350	250 SCT	20			106	86	58	20	17		000		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii ... APPPP 5... 7wwW1W2 8N...

NATIONAL WEATHER SERVICE

NUCLEAR DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE 27 JULY 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.580			19	0															0	2	.020			00-01
01 50	26.580			18	0															0					01-02
02 50	26.600			20	0															0					02-03
03 52	26.600			19	0															0	1	.020			03-04
04 50	26.615			18	0															0					04-05
05 51	26.630			14	0															0					05-06
06 53	26.640			12	0															0	1	.040			06-07
07 50	26.655			14	0															0					07-08
08 50	26.640			13	0															0					08-09
09 53	26.640			17	0															0	0	.000			09-10
10 58	26.640			15	0															0					10-11
11 54	26.625			15	0															0					11-12
12 54	26.605			14	0	0	CU.	90												0	8	.035			12-13
13 55	26.585			18	0															0					13-14
14 53	26.560			16	0															0					14-15
15 50	26.540			15	0	0	CU	90												0	7	.065			15-16
16 50	26.530			16	0															0					16-17
17 50	26.540			18	0															0					17-18
18 50	26.540			19	1	1	CI	250												1	5	.000			18-19
19 50	26.550			20	1															1					19-20
20 50	26.570			22	1															1					20-21
21 50	26.580			30	1	1	CI	250												1	2	.040			21-22
22 50	26.590			36	1															1					22-23
23 50	26.590			39	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		91	80										
	0349	1	0	0	0	91	80		0								
	0947	2	0	0	0	95	74		0								
	1548	3	0	0	0	100	95		0								
	2148	4	0	0	0	100	88		0								
	MID.		0	0	0	90	86										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.640	26.540	26.580
BAROGRAPH 64	26.595	26.640	26.545	26.570
BAR. CORR. 65	+.005	0	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	74	0	0	0	30	SW	2328					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0446 SUNSET 1855

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1065511950

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: 28 JULY 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	250 SCT	20			110	86	55	15	06		001	207 1001	CH
SA	0150	250 SCT	20			111	83	58	18	06		001		CH
SA	0250	250 SCT	20			119	81	58	10	12		003		CH
SA	0353	CLR	20			116	80	57	11	10	G19	002	003 107179 RADAT 36149	EP
SA	0452	~~CLR~~ 80SCT 250SCT	20			124	80	56	10	09		005		EP
SA	0554	80 SCT 250 SCT	20			128	81	56	08	07		006		EP
SA	0654	90 SCT 250 SCT	20			136	82	58	00	00		008	217 1101	EP
SA	0751	CLR	20			137	83	59	13	10		008	FEW CU CI	EP
SA	0850	90SCT 250SCT	20			132	88	57	06	03		007		EP
SA	0954	CLR	20			122	92	55	22	10		005	TCU OVR MTS SE/810 1200 79	EP
SA	1052	CLR	20			118	93	51	23	10		003	TCU OVR MTS SE	EP
SA	1151	CLR	20			109	95	43	24	14		001	CB OVR MTS SE	EP
SA	1254	CLR	20			099	96	46	23	14		998	CB E-SE/820 1302	EP
SA	1351	CLR	20			092	97	45	22	13		996	CB DSNT E	EP
SA	1451	CLR	20			081	98	46	27	10		992	CB DSNT NE	EP
SA	1550	CLR	20			082	98	45	22	16	G24	992	CU NE-SE/717 1200	CH
													00 RADAT 20158	
SA	1650	CLR	20			077	97	41	23	15		991	FEW CU	CH
SA	1750	CLR	20			079	95	43	23	15		991	FEW CU	CH
SA	1850	CLR	20			083	93	44	22	10		992	SC SE/ 500 1400	CH
SA	1950	CLR	20			088	91	46	19	08		994		CH
SA	2050	CLR	20			099	87	45	17	06		997		CH
SA	2150	CLR	20			098	84	51	12	06		997	114 00	CH
SA	2250	CLR	20			096	88	50	19	10		997		CH
SA	2350	CLR	20			097	84	52	15	06		997		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII Iiii ... 1VV Nddff 1s TTT 2s T_dT_dT_d 3P_0P_0P_0P_0 4PPPP 5appp 6RRRtR ... 7wwW_1W_2 8N CLCMCH (for regional and national data groups)

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], DESERT [illegible]

DATE 28 JULY 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			35	2	2	Ci	250												2	2	.020			00-01
01 50	26.600			43	1															1					01-02
02 50	26.620			46	1															1					02-03
03 53	26.610			45	0	0	Ac	120	0	Ci	250	0								0	0	.010			03-04
04 52	26.630			44	2															2					04-05
05 54	26.640			42	3															3					05-06
06 54	26.660			44	1	1	Cu	90	0	Ci	250	1								1	2	.050			06-07
07 51	26.660			44	0															0					07-08
08 50	26.650			35	1															1					08-09
09 54	26.630			29	0	0	TCu	120												0	8	.030			09-10
10 52	26.620			24	0															0					10-11
11 51	26.595			17	0															0					11-12
12 54	26.570			18	0	0	CB,	90	0	Ci	250	0								0	8	.060			12-13
13 51	26.550			17	0															0					13-14
14 51	26.520			17	0															0					14-15
15 50	26.520			17	0	0	Cu	90												0	7	.050			15-16
16 50	26.510			15	0															0					16-17
17 50	26.510			17	0															0					17-18
18 50	26.520			19	0	0	Sc	90												0	5	.000			18-19
19 50	26.530			21	0															0					19-20
20 50	26.560			23	0															0					20-21
21 50	26.560			32	0															0	1	.040			21-22
22 50	26.560			27	0															0					22-23
23 50	26.560			33	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		87	79										
	0349	1	0	0	0	90	79		0								
	0950	2	0	0	0	92	79		0								
	1548	3	0	0	0	100	92		0								
	2148	4	0	0	0	100	84		0								
	MID.		0	0	0	88	83										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.630	26.520	26.560
BAROGRAPH 64	26.600	26.640	26.520	26.540
BAR. CORR. 65	+.010	-.010	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	79	0	0	0	28	SW	1440					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0447 SUNSET 1854

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1083 / 1611 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 29 JULY 1989

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20	~~20~~		097	83	52	17	04		997	400	CH
SA	0150	CLR	20	~~20~~		097	82	51	00	00		997		CH
SA	0250	CLR	20			099	83	47	12	04		998		CH
SA	0353	CLR	20			107	76	49	35	05		999	307 76 RADAT 45150	EP
SA	0451	CLR	20			110	74	50	35	06		000		EP
SA	0552	CLR	20			115	77	51	10	04		001		EP
SA	0651	CLR	20			115	84	53	00	00		002	108	EP
SA	0752	CLR	20			113	89	54	25	07		002		EP
SA	0852	CLR	20			110	92	47	19	14		001	CU OVR MTNS SE	EP
SA	0953	CLR	20			113	93	38	21	15		001	TCU OVR MTNS SE/SQL 1200 93	EP
SA	1053	CLR	20			106	95	39	22	17		000	TCU SE	EP
SA	1154	CLR	20			099	97	41	23	14		998	TCU E SE	EP
SA	1253	CLR	20			092	98	39	24	16		996	TCU SE/817 1200	EP
SA	1352	CLR	20			084	99	45	24	17		994	TCU DSNT E-SE	EP
SA	1450	~~CLR~~ 90SCT	20			080	98	43	24	15	G22	992	TCU NE-SE	EP
SA	1550	90SCT	20			080	98	43	24	16		991	714 110000 RADAT 20162	CH
SA	1650	90SCT	20			077	98	43	20	14		990		CH
SA	1750	CLR	20			073	96	41	22	14		989		CH
SA	1850	CLR	20			074	94	36	22	10		990	503	CH
SA	1950	CLR	20			076	93	36	22	10		991		CH
SA	2050	CLR	20			080	91	36	22	08		992		CH
SA	2150	CLR	20			085	86	35	00	00		994	210 00	CH
SA	2250	CLR	20			089	84	34	00	00		995		CH
SA	2350	CLR	20			090	79	34	04	07		995		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: [illegible] plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], DESERT ROCK NEVADA

DATE 29 JULY 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.560			34	0															0	4	.000			00-01
01 50	26.560			34	0															0					01-02
02 50	26.570			29	0															0					02-03
03 53	26.580			39	0															0	3	.020			03-04
04 51	26.585			43	0															0					04-05
05 52	26.600			40	0															0					05-06
06 51	26.605			35	0															0	1	.025			06-07
07 52	26.605			31	0															0					07-08
08 52	26.595			21	0															0					08-09
09 53	26.600			15	0	0	TCU	90												0	5	.005			09-10
10 53	26.590			14	0															0					10-11
11 54	26.570			15	0															0					11-12
12 53	26.550			13	0	0	TCU	90												0	8	.050			12-13
13 52	26.530			16	0															0					13-14
14 50	26.520			15	1															1					14-15
15 50	26.510			15	1	1	CU	90												1	7	.040			15-16
16 50	26.500			15	1															1					16-17
17 50	26.490			15	0															0					17-18
18 50	26.500			13	0															0	5	.010			18-19
19 50	26.510			14	0															0					19-20
20 50	26.520			14	0															0					20-21
21 50	26.530			16	0															0	2	.030			21-22
22 50	26.540			16	0															0					22-23
23 50	26.540			20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	86	76	X	X						X		
	0349	1	0	0	0	88	76		0								
	0950	2	0	0	0	93	73		0								
	1548	3	0	0	0	100	93		0								
	2148	4	0	0	0	99	85		0								
	MID.	X	0	0	0	88	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.600	26.510	26.530
BAROGRAPH 64	26.570	26.600	26.510	26.520
BAR. CORR. 65	+.010	*0	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	73	0	0	0	28	SW	1305					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0447 SUNSET 1853

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED HOURLY WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0905 / 1615 /

*BAROGRAPH CHART CHANGED 1000

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE 30 JULY 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			090	78	35	01	07		995	103	CH
SA	0150	CLR	20			088	83	34	00	00		995		CH
SA	0250	CLR	20			094	78	34	34	05		996		CH
SA	0350	CLR	20			093	80	35	14	06		996	303 76 RADAT 20156	SH
SA	0450	CLR	20			099	76	33	07	06		997		SH
SA	0550	CLR	20			101	81	40	09	06		998		SH
SA	0650	CLR	20			106	86	47	17	07		000	212	SH
SA	0750	CLR	20			104	90	48	18	05		000		SH
SA	0850	CLR	20			103	95	47	30	05		000	FEW CU SE	SH
SA	0950	CLR	20			099	96	48	21	15	G21	993	FEW CU SE / 805 1100 75	SH
SA	1050	CLR	20			096	97	46	21	18	G26	997	FEW CU SE	SH
SA	1150	100 SCT	20			094	98	47	22	18	G27	996		SH
SA	1250	100 SCT	20			086	99	47	21	17	G24	994	814 1100	SH
SA	1350	100 SCT	20			076	100	46	21	18	G26	991	TCU NE THRU SE	SH
SA	1450	100 SCT	20			070	100	47	23	16	G24	989	CB E TCU NE SE	SH
SA	1550	100 SCT	20			058	100	48	22	17	G26	985	CB E / 824 1900 01 RADAT 49161	008
SA	1650	100 SCT	20			057	99	47	22	17	G23	985	CB E	008
SA	1750	100 SCT	20			051	97	47	21	15		984		008
SA	1850	100 SCT	20			058	95	46	23	16		986	500 1100	008
SA	1950	CLR	20			061	93	45	22	10		987		008
SA	2050	CLR	20			063	92	44	21	10		988		008
SA	2150	CLR	20			070	92	41	21	12		990	314 01	008
SA	2250	CLR	20			075	89	39	24	10		991		008
SA	2350	CLR	20			080	85	37	03	06		992		008

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: [illegible] LVV Nddd [illegible] 2s TdTdTd 3P[illegible] 4PPPP 5appp [illegible] 7wwW1W2 8NhCLCMCH plus regional [illegible] national data [illegible]

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE 30 JULY 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.540			21	0															0	1	.010			00-01
01 50	26.540			17	0															0					01-02
02 50	26.550			20	0															0					02-03
03 50	26.550			20	0															0	3	.010			03-04
04 50	26.560			27	0															0					04-05
05 50	26.570			23	0															0					05-06
06 50	26.585			26	0															0	2	.035			06-07
07 50	26.585			24	0															0					07-08
08 50	26.585			20	0															0					08-09
09 50	26.570			20	0	0	Cu	90												0	8	.015			09-10
10 50	26.560			18	0															0					10-11
11 50	26.550			18	1															1					11-12
12 50	26.530			17	2	2	Cu.	100												2	8	.040			12-13
13 50	26.510			16	3															3					13-14
14 50	26.490			17	3															3					14-15
15 50	26.460			17	3	0	CB	80	3	CU	100	3								3	8	.070			15-16
16 50	26.450			17	3															3					16-17
17 50	26.440			18	1															1					17-18
18 50	26.460			19	1	1	CU	100												1	5	.000			18-19
19 50	26.470			19	0															0					19-20
20 50	26.480			19	0															0					20-21
21 50	26.500			17	0															0	3	.040			21-22
22 50	26.510			17	0															0					22-23
23 50	26.520			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		87	76										
	0348	1	0	0	0	88	76		0								
	0948	2	0	0	0	96	75		0								
	1549	3	0	0	0	101	95		0								
	2149	4	0	0	0	100	92		0								
	MID.		0	0	0	92	82										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.570	26.460	26.500
BAROGRAPH 64	26.535	26.570	26.480	26.485
BAR. CORR. 65	+.015	0	-.020	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	75	0	0	0	28	SW	1431					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0448 SUNSET 1853

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MIN. WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1085S / 1533P /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION

DATE 31 JULY 1989

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mhs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			079	86	38	11	03		992	107	008
SA	0150	100 SCT	20			078	87	39	23	10 G 18		992	DENT LTG SE	008
SA	0250	E 80 OVC	10		RW -	079	86	43	21	10 G 18		992	RB 27	008
SA	0350	E 80 BKN 140 BKN	20			080	83	38	20	07		992	RE05/ 40000 1570 82	—
													RADAT 77153	SH
SA	0450	80 SCT E 140 BKN 250 BKN	20			084	83	34	15	07		994		SH
SA	0550	90 SCT 250 - BKN	20			089	87	34	19	09		995		SH
SA	0650	140 SCT 250 - BKN	20			092	87	45	13	05		996	FEW CU/ 210 1178	SH
SA	0750	140 SCT E 250 BKN	20			095	90	34	32	11		997		SH
SA	0850	E 140 BKN 250 BKN	20			090	93	35	21	14		996	FEW CU	SH
SA	0950	E 140 BKN 250 BKN	20			095	91	28	24	20 G 26		997	FEW CU/ 203 1178 81	SH
SA	1050	E 140 BKN 250 BKN	20			096	92	25	23	20		997		SH
SA	1150	140 SCT 250 SCT	20			087	94	27	23	14 G 26		994		SH
SA	1250	140 SCT 250 - SCT	20			072	97	32	24	21 G 29		990	820 1078	SH
SA	1350	140 SCT 250 - SCT	20			064	97	33	22	16 G 27		988	FEW CU	SH
SA	1450	140 SCT 250 - SCT	20			057 ~~064~~	98	32	21	17 G 25		986	FEW CU	SH
SA	1550	80 SCT 150 SCT 250 - SCT	20			054	97	32	21	15 G 22		985	617 1231 99 RADAT 42156	008
SA	1650	80 SCT 150 SCT 250 - SCT	20			051	96	30	21	16 G 22		984		008
SA	1750	80 SCT 150 SCT 250 - SCT	20			050	94	27	20	15 G 22		984		008
SA	1850	150 SCT 250 - BKN	20			051	92	23	22	17 G 22		984	603 1034	008
SA	1950	250 - BKN	20			056	91	22	23	15 G 20		985		008
SA	2050	250 - SCT	20			062	86	22	15	06		987		008
SA	2150	250 SCT	20			068	85	22	34	03		988	214 1002 99	008
SA	2250	250 SCT	20			072	83	22	25	03		989		008
SA	2350	CLR	20			068	81	22	17	03		988		008

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII iRi$_g$hVV Nddff 1s$_n$TTT 2s$_n$T$_d$T$_d$T$_d$ 3P$_o$P$_o$P$_o$P$_o$ 4PPPP 5appp 6RRRt$_R$ 7wwW$_1$W$_2$ 8N$_L$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 31 JULY 1989

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.520			18	0															0	1	.020			00-01
01 50	26.520			18	1															1					01-02
02 50	26.520			22	10															10					02-03
03 50	26.520			20	8	6	SC	280	2	AC	140	8								8	4	.000			03-04
04 50	26.530			17	7															6					04-05
05 50	26.545			15	6															3					05-06
06 50	26.550			23	8	0	Cu	90	1	AC	140	1	7	CS	250	8				2	2	.030			06-07
07 50	26.560			14	8															6					07-08
08 50	26.550			13	8															8					08-09
09 50	26.560			11	9	0	CU	100	6	AC	E140	6	3	CS	250	9				9	2	.010			09-10
10 50	26.560			9	6															6					10-11
11 50	26.535			9	5															4					11-12
12 50	26.500			10	2	1	AC	140	1	Ci	250	2								1	8	.060			12-13
13 50	26.480			11	2															1					13-14
14 50	26.460			10	4															1					14-15
15 50	26.450			10	5	1	CU	80	1	AC	110	2	3	Ci	250	5				2	6	.050			15-16
16 50	26.440			10	5															2					16-17
17 50	26.440			9	5															2					17-18
18 50	26.440			8	6	1	AC	150	5	Ci	250	6								2	6	.010			18-19
19 50	26.455			8	6															2					19-20
20 50	26.470			10	4															2					20-21
21 50	26.480			10	2	2	Ci	250												2	2	.040			21-22
22 50	26.490			11	1															1					22-23
23 50	26.480			11	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		T	0		88	82										
	0348	1	T	0	0	92	82		0								
	0948	2	0	0	0	94	81		0								
	1549	3	0	0	0	99	91		0								
	2149	4	0	0	0	98	84		0								
	MID.		0	0	0	85	81										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.560	26.450	26.480
BAROGRAPH 64	26.520	26.550	26.460	26.480
BAR. CORR. 65	0	+.010	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNKLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	81	T	0	0	32	SW	1434					6	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
Rw-	0227	0305			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0450 SUNSET 1851

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1 MIN. WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10925/1752P/