WS FORM F-6
(9-76)

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

STATION: Desert Rock, Nevada

MONTH: July

YEAR: 1986

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F: MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°): HEATING	COOLING	PRECIPITATION (In.): TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND: AVERAGE SPEED knots	PEAK: SPEED knots	DIRECTION	SUNSHINE: Ave Stn. Pressure	PERCENT OF POSSIBLE	SKY COVER (Sunrise to Sunset) (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	101	67	84		0	19	0	0	0	5.1	22	SW	26.58		0		26	16	17	24
2	103	71	87		0	22	0	0	0	7.3	29	SW	26.51		0		34	18	17	10
3	102	77	90		0	25	0	0	0	10.4	25	SW	26.47		0		35	21	19	23
4	97	80	89		0	24	0	0	0	17.3	37	SW	26.35		6		29	20	17	23
5	92	69	81		0	16	0	0	0	11.4	42	SW	26.47		1		36	23	17	19
6	97	70	81		0	16	0	0	0	11.7	30	SW	26.58		1		31	22	16	23
7	92	68	80		0	15	0	0	0	9.6	29	SW	26.62		0		33	20	16	20
8	94	65	80		0	15	0	0	0	10.3	28	SW	26.59		0		31	16	16	16
9	95	65	80		0	15	0	0	0	11.3	28	SW	26.57		1		23	15	15	15
10	98	64	81		0	16	0	0	0	7.7	19	W	26.54		4		26	18	17	17
11	102	69	86		0	21	0	0	0	8.8	25	SW	26.49		0		20	18	18	18
12	101	73	87		0	22	0	0	0	10.3	27	SW	26.47		0		25	17	17	19
13	99	73	86		0	21	0	0	0	9.5	29	S	26.52		1		31	17	19	22
14	98	73	86		0	21	0.01	0	0	9.9	30	S	26.56		8	RW-	29	20	21	30
15	82	68	75		0	10	0.13	0	0	4.0	18	SW	26.44		7	RW-	90	69	49	60
16	93	63	78		0	13	0	0	0	11.8	37	S	26.45		0		84	18	15	14
17	90	60	75		0	10	0	0	0	10.5	30	SW	26.54		0		29	17	15	13
18	93	67	80		0	15	0	0	0	11.2	28	SW	26.62		0		24	16	16	15
19	98	60	79		0	14	0	0	0	5.9	20	W	26.70		0		20	19	19	17
20	97	67	82		0	17	0.01	0	0	7.0	35	E	26.62		8	T, RW-	18	15	21	31
21	91	66	79		0	14	0.18	0	0	7.5	28	NW	26.57		9	T, RW-, R-	36	29	33	85
22	85	66	76		0	11	T	0	0	8.4	26	SW	26.62		8	RW-	90	56	34	45
23	90	66	78		0	13	1.27	T	0	9.0	38	S	26.68		7	T, RW+, A	73	34	26	55
24	92	64	78		0	13	0	0	0	6.7	17	SW	26.69		5		75	41	26	45
25	93	64	79		0	14	0	0	0	7.8	24	SW	26.62		0		55	20	16	16
26	91	66	79		0	14	0	0	0	7.0	15	SW	26.56		0		35	25	15	31
27	94	64	79		0	14	0	0	0	7.4	25	SW	26.55		0		40	20	17	16
28	95	61	78		0	13	0	0	0	8.8	26	S	26.60		0		34	19	19	17
29	95	65	80		0	15	0	0	0	5.8	22	SW	26.64		0		17	16	16	14
30	99	61	80		0	15	0	0	0	5.0	18	W	26.60		0		23	20	19	17
31	102	63	83		0	18	0	0	0	4.8	19	W	26.55		0		21	15	15	20
SUM	2945	2075	—	—	0	501	1.60	T	—	269.2	—	—	823.37	—	66	—	1173	710	613	790
AVG	95.0	66.9	—	—	—	—	—	—	—	8.7	FASTEST 42	DIRECTION SW	26.56	%	2.1	—	38	23	20	26

MISC. →

TEMPERATURE DATA

AVERAGE MONTHLY 81.0

DEPARTURE FROM NORMAL -3.5

HIGHEST 103 ON 2

LOWEST 60 ON 17

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 29

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL 0

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 501

DEPARTURE FROM NORMAL -112

SEASONAL TOTAL 1292

DEPARTURE FROM NORMAL 97

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.60 IN.

DEPARTURE FROM NORMAL 1.00 IN.

GREATEST IN 24 HRS. 1.27 ON 23

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH T IN.

GREATEST IN 24 HRS. T ON 23

GREATEST DEPTH ON GROUND T ON 23

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 22

PARTLY CLOUDY (Scale 4–7) 5

CLOUDY (Scale 8–10) 4

WITH 0.01 INCH OR MORE PRECIP. 5

WITH 0.10 INCH OR MORE PRECIP. 3

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 1

SYMBOLS USED IN COLUMN 16

A = Hail
F = fog
R = rain
RW = rain shower
S = snow
SW = snow shower
T = thunder-storm

MAXIMUM PRECIPITATION

Δt (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (Inches)												
ENDED: DATE												
TIME												

HIGHEST Stn. 26.775 IN. ON 19

LOWEST Stn. 26.280 IN. ON 4

WS FORM F-6 SUPERSEDES WS FORM F-6 (9-74) WHICH SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED.

☆ U.S. G.P.O. 1978-765-092/1151 REG.#6

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: 1 JULY 1986

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

TYPE	TIME (LST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles) SURFACE	VISIBILITY (Miles) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP.	DEW PT.	WIND DIRECTION	WIND SPEED	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	CP
SA	0053	CLR	20			090	74	33	07	05		993	000	EP
SA	0153	CLR	20			093	72	33	00	00		993		EP
SA	0251	CLR	20			094	72	33	00	00		994		EP
SA	0353	CLR	20			105	68	32	13	03		997	312 67 RADAT 20152	MR
SA	0453	CLR	20			115	69	32	12	05		000	AC SE	MR
SA	0552	CLR	20			121	75	32	16	03		002	AC SE-S	MR
SA	0653	140 SCT	20			126	81	34	00	00		004	ACCAS NE 120 1080	MR
SA	0754	250 -SCT	20			126	88	37	00	00		004	ACCAS NE AND S	MR
SA	0853	CLR	20			124	91	39	31	05		004	Cu SW AC E-S	MR
SA	0953	CLR	20			127	93	41	24	09		004	102 1100 67	MR
SA	1054	CLR	20			126	95	43	21	08		004	FEW Cu AC	MR
SA	1153	CLR	20			123	97	44	23	09		003	FEW Cu AC	MR
SA	1254	CLR	20			115	97	45	22	10		001	810 1170	MR
SA	1352	CLR	20			108	99	46	25	08&15		999	Cu ALQDS	MR
SA	1452	CLR	20			104	100	47	26	04		998	Cu ALQDS	MR
SA	1554	CLR	20			098	100	47	22	05		995	717 1100 01 RADAT 20158	EP
SA	1653	CLR	20			094	99	46	28	10		994		EP
SA	1752	CLR	20			090	97	46	21	07		993		EP
SA	1852	CLR	20			094	95	45	27	08		995	500 1100	EP
SA	1951	CLR	20			096	90	44	26	06		996		EP
SA	2052	CLR	20			104	87	43	20	03		998		EP
SA	2152	CLR	20			107	82	42	04	04		999	112 01	EP
SA	2251	CLR	20			105	80	42	08	06		998		EP
SA	2352	CLR	20			109	78	42	10	04		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: 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.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6086

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1 JULY 1986

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	26.530			22	0															0	0	.000			00-01
01 53	26.535			24	0															0					01-02
02 51	26.540			24	0															0					02-03
03 55	26.565			26	0															0	3	.035			03-04
04 53	26.590			26	0															0					04-05
05 52	26.610			21	0															0					05-06
06 55	26.625			18	1	1	ACCAS	140												1	1	.060			06-07
07 54	26.630			17	1															0					07-08
08 53	26.630			16	0															0					08-09
09 55	26.630			16	0	0	CU	140												0	1	.005			09-10
10 54	26.625			17	0															0					10-11
11 53	26.620			16	0															0					11-12
12 54	26.600			17	0	0	CU	150	0	AC	180	0								0	8	.030			12-13
13 52	26.580			17	0															0					13-14
14 52	26.570			17	0															0					14-15
15 54	26.550			17	0	0	CU	120												0	7	.050			15-16
16 53	26.540			17	0															0					16-17
17 52	26.535			18	0															0					17-18
18 52	26.550			18	0	0	CU	120												0	5	.000			18-19
19 51	26.560			20	0															0					19-20
20 52	26.580			22	0															0					20-21
21 52	26.585			24	0															0	1	.035			21-22
22 51	26.580			26	0															0					22-23
23 52	26.590			28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	HU. 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	MIN. TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	76	67	X	X						X		
	0351	1	0	0	0	80	67		0								
	0952	2	0	0	0	93	67		0								
	1551	3	0	0	0	101	93		0								
	2149	4	0	0	0	100	82		0								
	MID.	X	0	0	0	83	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0955	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.630	26.550	26.585
BAROGRAPH 64	26.560	26.630	26.540	26.570
BAR. CORR. 65	+.005	0*	+.010	+.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	67	0	0	0	22	SW	1128					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 AT: 0358P ± 0 Sec./ 2115 ± 0 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED, RESET TO 0 COR.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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: 2 JULY 1986

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)	CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0054	CLR	20			107	79	43	01	06		999	000	EP
SA	0155	CLR	20			106	78	43	05	06		999		EP
SA	0253	CLR	20			108	77	43	00	00		999		EP
SA	0353	CLR	20			116	72	42	19	04		001	305 1400 72 RADAT 65148	[illegible]
SA	0450	CLR	20			118	74	43	04	06		002	TCU N	[illegible]
SA	0551	CLR	20			121	77	43	19	03		003	TCU DSNT NE	[illegible]
SA	0650	CLR	20			123	85	44	24	03		004	210 1100	[illegible]
SA	0750	CLR	20			122	91	44	29	03		004	TCU DSNT SE	[illegible]
SA	0855	CLR	20			122	94	45	23	08		004	ACSL SE	[illegible]
SA	0950	CLR	20			124	96	45	22	11		004	TCU SE/400 1260 71	[illegible]
SA	1050	CLR	20			115	100	48	28	11		002	TCU DSNT NE	[illegible]
SA	1150	CLR	20			108	100	48	20	13		000	TCU DSNT NE	[illegible]
SA	1250	CLR	20			100	101	49	22	12	G20	998	TCU SE / 720 1200	[illegible]
SA	1355	100 SCT	20			092	102	50	25	15	G21	996	TCU E-SE	[illegible]
SA	1451	100 SCT	20			085	103	50	23	12	G18	993	TCU VIRGA E	[illegible]
SA	1555	CLR	20			079	103	49	21	11		991	720 1200 03 RADAT 75149	EP
SA	1652	CLR	20			071	102	49	25	13	G20	988		EP
SA	1752	CLR	20			070	100	47	22	10		988		EP
SA	1853	CLR	20			068	98	46	23	07		988	607 1800	EP
SA	1953	CLR	20			070	95	45	20	07		990		EP
SA	2052	CLR	20			078	90	44	05	03		992		EP
SA	2154	CLR	20			077	92	45	16	04		992	OCNL LTG DSNT NE/110	EP
													1400 03	
SA	2252	CLR	20			077	88	45	00	00		992	OCNL LTG DSNT NE	EP
SA	2354	CLR	20			080	89	46	07	03		993		EP

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.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 2 JULY 1986

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 54	26.585			28	0															0	0	.000			00-01
01 55	26.585			29	0															0					01-02
02 53	26.590			30	0															0					02-03
03 53	26.600			34	0	0	SC	90												0	3	.015			03-04
04 50	26.610			33	0															0					04-05
05 51	26.620			30	0															0					05-06
06 50	26.630			24	0	0	CU	100												0	2	.030			06-07
07 50	26.630			20	0															0					07-08
08 55	26.630			19	0															0					08-09
09 50	26.630			18	0	0	TCU	100	0	AC	140	0								0	4	.000			09-10
10 50	26.610			18	0															0					10-11
11 50	26.590			18	0															0					11-12
12 50	26.570			18	0	0	TCU	100												0	7	.060			12-13
13 55	26.550			18	1															1					13-14
14 51	26.530			17	1															1					14-15
15 55	26.510			17	0	0	CU	100												0	7	.060			15-16
16 52	26.490			17	0															0					16-17
17 52	26.490			17	0															0					17-18
18 53	26.490			17	0	0	CU	100	0	SC	120	0								0	6	.020			18-19
19 53	26.500			18	0															0					19-20
20 52	26.520			20	0															0					20-21
21 54	26.520			20	0	0	SC	120												0	1	.030			21-22
22 52	26.520			23	0															0					22-23
23 54	26.530			23	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		81	72										
	0348	1	0	0	0	83	72		0								
	0945	2	0	0	0	96	71		0								
	1551	3	0	0	0	103	96		0								
	2149	4	0	0	0	103	89		0								
	MID.		0	0	0	92	87										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.630	26.510	26.520
BAROGRAPH 64	26.580	26.610	26.500	26.500
BAR. CORR. 65	+.020	+.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 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
103	71	0	0	0	29	SW	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 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 AT: 0535P ± 1 Sec./ 2105 ± 0 Sec./ ± Sec.

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: 3 JULY 1986

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)	OBS. INITIALS (15)
SA	0053	CLR	20			080	88	46	14	06		993	103 1500	EP
SA	0151	CLR	20			083	81	45	04	07		993		EP
SA	0250	CLR	20			082	85	47	22	07		993		EP
SA	0355	230 SCT	20			086	83	52	29	06		994	303 1001 81 RADAT 34153	[illegible]
SA	0450	CLR	20			092	77	50	18	03		996	FEW CU AC CI	[illegible]
SA	0550	CLR	20			098	83	55	05	09		998	FEW CU AC	[illegible]
SA	0650	CLR	20			097	86	53	34	05		998	FEW SC AC CI / 110 1461	[illegible]
SA	0750	CLR	20			094	90	53	24	05		997		[illegible]
SA	0850	CLR	20			090	94	53	19	08		996	CU FRMG SE	[illegible]
SA	0955	CLR	20			085	96	50	24	13		994	CB SE / 710 1900 77	[illegible]
SA	1050	CLR	20			080	97	51	24	14	G19	993	CB E AND SE	[illegible]
SA	1151	CLR	20			070	99	51	23	13	G19	990	CB RWU SE	[illegible]
SA	1253	90 SCT 150 SCT	20			058	100	52	23	16	G21	987	CB NE-SE RWU SE / 824 1960	[illegible]
SA	1350	90 SCT 150 SCT	20			053	101	51	23	15	G20	984	CB NE AND SE	[illegible]
SA	1450	90 SCT	20			044	100	51	22	10	G17	982	CB SE	[illegible]
SA	1549	90 SCT	20			037	101	51	21	12	G20	980	720 1200 ~~102~~ 02 RADAT 53155	AD
SA	1649	90 SCT	20			028	100	51	21	15		976		AD
SA	1749	90 SCT	20			026	98	50	20	15		976		AD
SA	1849	CLR	20			026	97	50	20	12		976	610	AD
SA	1949	CLR	20			025	95	50	19	11		976		AD
SA	2049	CLR	20			028	93	50	19	12		978		AD
SA	2149	CLR	20			032	91	48	20	10		979	307 ~~102~~ 02	AD
SA	2249	CLR	20			037	89	48	22	10		980		AD
SA	2349	CLR	20			032	90	49	21	15	G25	979		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 $i_R i_x$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.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 3 JULY 1986

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	HET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.530			23	0	0	SC	120												0	1	.010			00-01
01 51	26.530			28	0															0					01-02
02 50	26.530			27	0															0					02-03
03 50	26.540			35	1	1	[illegible]	230												1	3	.010			03-04
04 50	26.550			39	0															0					04-05
05 50	26.570			39	0															0					05-06
06 50	26.570			33	0	0	SC	100	0	AC	150	0	0	CI	230	0				0	1	.030			06-07
07 50	26.560			29	0															0					07-08
08 50	26.550			25	0															0					08-09
09 50	26.540			21	0	0	CB	90												0	7	.030			09-10
10 50	26.525			21	0															0					10-11
11 51	26.500			20	0															0					11-12
12 53	26.470			20	1	1	CB	90	0	AC	150	1								1	8	.070			12-13
13 50	26.450			19	1															1					13-14
14 50	26.430			20	1															1					14-15
15 49	26.410			19	1	1	Cu	90												1	7	.060			15-16
16 49	26.380			20	1															1					16-17
17 49	26.380			20	1															1					17-18
18 49	26.380			21	0															0	6	.030			18-19
19 49	26.380			22	0															0					19-20
20 49	26.390			23	0															0					20-21
21 49	26.400			23	0															0	3	.020			21-22
22 49	26.410			25	0															0					22-23
23 49	26.400			25	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		0	0		90	81										
	0350	1	0	0	0	92	81		0								
	0950	2	0	0	0	96	77		0								
	1545	3	0	0	0	102	95		0								
	2145	4	0	0	0	101	91		0								
	MID.		0	0	0	91	89										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0955	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.510	26.410	26.400
BAROGRAPH 64	26.510	26.520	26.385	26.370
BAR. CORR. 65	+.030	+.020	+.025	+.030

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
102	77	0	0	0	25	SW	2345					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 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0552P @ (Sec.) 2100 @ (Sec.) ± Sec.

1549P 2149P MAX TEMP 02 / 1000P 7-4

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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: JUL 04 1986

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 (100-360) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. REMARKS INDICATOR (15)
SA	0049	CLR	20			027	89	49	22	12		978	803	AO
SA	0149	CLR	20			027	88	49	21	15		978		AO
SA	0249	CLR	20			025	87	50	20	14		976		AO
SA	0355	CLR	20			021	86	50	20	10		975	807 86 RADAT 38159	AO
SA	0450	CLR	20			017	87	49	19	14	G21	974	FEW SC CI	AO
SA	0551	250 - SCT	20			018	88	49	22	09		974	FEW SC	AO
SP	0631	CLR	20						27	12	G18	975	FEW SC CI WSHFT 28	AO
SA	0655	CLR	20			021	88	49	26	06	G16	977	500 1401	AO
SA	0754	250 - SCT	20			022	91	47	22	17	G25	976	FEW SC	AO
SA	0850	250 - BKN	20			022	92	47	22	19	G27	976	FEW SC	AO
SA	0953	250 - BKN	20			025	93	46	22	20	G30	977	303 1101 86	AO
SA	1054	E250 BKN	20			022	93	46	21	22	G34	976	FEW CU	AO
SA	1150	E250 BKN	20			014	94	46	20	19	G30	973	FEW CU AC	AO
SA	1250	E250 OVC	20			010	95	46	18	21	G33	972	714 1007	AO
SA	1354	E250 OVC	20			999	95	45	19	22	G34	969		AO
SA	1456	E250 OVC	20			996	96	44	18	25	G34	968	FEW CU ACSL S	AO
SA	1550	E250 OVC	20			992	95	44	20	24	G34	967	ACSL S / 617 1147 97	AO
													RADAT 23158	
SA	1649	E250 OVC	20			988	96	44	21	16	G28	965		AO
SA	1749	E250 BKN	20			996	94	44	20	20	G28	968		AO
SA	1849	E250 BKN	20			999	90	44	20	22		968	103 1008	AO
SA	1949	E250 BKN	20			996	88	43	22	22	G31	968		AO
SA	2049	E250 BKN	20			004	86	42	20	13	G24	970		AO
SA	2149	250 - SCT	20			013	84	42	24	20	G28	972	314 1001 97	AO
SA	2249	250 - SCT	20			022	81	43	23	19	G29	974		AO
SA	2349	CLR	20			029	80	43	22	14		976		AO

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: JUL 04 1986

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 49	26.390			25	0															0	8	.010			00-01
01 49	26.390			26	0															0					01-02
02 49	26.380			28	0															0					02-03
03 55	26.370			29	0															0	8	.020			03-04
04 50	26.360			27	0															0					04-05
05 51	26.360			26	1															0					05-06
06 55	26.370			26	0	0	SC	90	0	CI	250	0								0	5	.000			06-07
07 54	26.370			22	1															0					07-08
08 50	26.370			22	6															3					08-09
09 53	26.380			20	7	0	CU	90	7	CI	250	7								3	3	.010			09-10
10 54	26.370			20	8															5					10-11
11 50	26.350			19	9															7					11-12
12 50	26.340			19	10	10	CS	E250												7	7	.040			12-13
13 54	26.310			18	10															8					13-14
14 56	26.300			17	10															8					14-15
15 50	26.290			17	10	0	CU	90	0	ASL	170	0	10	CS	E250	10				8	6	.050			15-16
16 49	26.280			17	10															8					16-17
17 49	26.300			18	8															6					17-18
18 49	26.300			20	8	8	CS	E250												6	1	.010			18-19
19 49	26.300			21	7															5					19-20
20 49	26.320			21	7															5					20-21
21 49	26.340			23	3	3	CI	250												1	3	.040			21-22
22 49	26.360			26	2															0					22-23
23 49	26.380			27	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	90	86	X	X						X		
	0350	1	0	0	0	91	86		0								
	0948	2	0	0	0	94	86		0								
	1546	3	0	0	0	97	92		0								
	2145	4	0	0	0	96	83		0								
	MID	X	0	0	0	84	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.370	26.380	26.290	26.340
BAROGRAPH 64	26.340	26.340	26.265	26.305
BAR. CORR. 65	+.030	+.040	+.025	+.035

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
97	80	0	0	0	35✓	SW	1918					7	5		

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 AT: 0606P ±1 Sec./ 2100 ±1 Sec./ ± Sec.

0655P 0754P ALT 976 / 0754P

✓ LAST OF SEVERAL OCCURRANCES

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: JUL 05 1986

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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0049	CLR	20			030	78	44	25	15		976	114	AD
SA	0149	CLR	20			041	73	43	06	06		979	APRNT FROPA	AD
SA	0249	CLR	20			043	75	49	35	12		980		AD
SA	0357	CLR	20			057	70	42	34	06		983	320 1070 70 RADAT 29134	AD
SA	0456	CLR	20			060	69	38	36	08		984		AD
SA	0550	CLR	20			066	73	42	33	07		986		AD
SA	0650	250 SCT	20			072	75	42	35	08		988	214 1001	AD
SA	0756	250 SCT	20			080	77	41	25	13		990		AD
SA	0854	250 SCT	20			080	81	41	25	13		990		AD
SA	0952	CLR	20			080	82	40	27	12		990	107 1001 69	AD
SA	1050	CLR	20			076	86	40	24	16	G24	989	FEW CI	AD
SA	1151	CLR	20			076	87	39	22	11	G18	989	FEW CU CI	AD
SA	1253	CLR	20			072	84	39	23	14	G23	988	707 1101	AD
SA	1352	250 SCT	20			069	90	39	21	15	G22	987	FEW CU	AD
SA	1450	250 SCT	20			065	90	39	22	15	G23	986	FEW CU PK WND 2342/28	AD
SA	1549	250 SCT	20			067	90	39	18	17		986	607 1002 92 RADAT 20138	AD
SA	1649	250 SCT	20			067	91	38	22	16	G25	986		AD
SA	1749	250 SCT	20			066	88	36	22	14		986		AD
SA	1849	250 SCT	20			066	87	37	21	13		986	400 1002	AD
SA	1949	250 SCT	20			066	85	39	20	11		986		AD
SA	2049	250 SCT	20			073	83	37	19	09		987		AD
SA	2149	250 SCT	20			080	81	38	22	08		990	314 1002 92	AD
SA	2249	CLR	20			088	79	39	17	05		992		AD
SA	2349	CLR	20			091	78	41	22	10		993		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 $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-62) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-008/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 05 1986

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 49	26.380			30	0															0	1	.040			00-01
01 49	26.400			34	0															0					01-02
02 49	26.410			32	0															0					02-03
03 57	26.440			36	0	0	Ac	120												0	3	.060			03-04
04 56	26.450			32	0															0					04-05
05 50	26.465			33	0															0					05-06
06 50	26.480			31	2	2	Ci	250												2	2	.040			06-07
07 56	26.500			28	3															3					07-08
08 54	26.500			24	2															2					08-09
09 52	26.500			23	0	0	Ci	250												0	1	.020			09-10
10 50	26.490			20	0															0					10-11
11 51	26.490			19	0															0					11-12
12 53	26.480			17	0	0	Cu	90	0	Ci	250	0								0	7	.020			12-13
13 52	26.470			17	1															1					13-14
14 50	26.460			17	1															1					14-15
15 49	26.460			17	2	2	Ci	250												2	6	.020			15-16
16 49	26.460			16	3															3					16-17
17 49	26.460			16	3															3					17-18
18 49	26.460			17	4	4	Ci	250												3	4	.000			18-19
19 49	26.460			20	3															3					19-20
20 49	26.480			19	3															3					20-21
21 49	26.500			22	3	3	Ci	250												3	3	.040			21-22
22 49	26.520			24	0															0					22-23
23 49	26.530			27	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 0351	X	0	0	X	80	70	X	X						X		
	0351	1	0	0	0	84	70		0								
	0947	2	0	0	0	83	69		0								
	1545	3	0	0	0	92	81		0								
	2145	4	0	0	0	92	80		0								
	MID.	X	0	0	0	81	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0945	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.500	26.460	26.520
BAROGRAPH 64	26.405	26.520	26.450	26.530
BAR. CORR. 65	+.035	* 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	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
92	69	0	0	0	42	SW	1428					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 0431 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 AT: 0706P ± 0 Sec./ ± Sec./ ± Sec.

0049/ATT 114/0237

* BAROGRAPH CHART CHANGED - RESET TO ± 0 CORR

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 06 1986

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	0049	CLR	20			095	78	41	24	12		994	214	AD
SA	0149	CLR	20			095	76	40	24	15		994		AD
SA	0249	CLR	20			095	76	41	24	12		994		AD
SA	0349	CLR	20			104	74	41	23	14		996	307 74 RADAT 20177	CH
SA	0449	CLR	20			113	71	42	04	04		998		CH
SA	0550	CLR	20			117	74	43	31	04		999		CH
SA	0650	CLR	20			122	78	43	22	10		002	217	CH
SA	0750	CLR	20			126	79	43	24	08		003		CH
SA	0850	CLR	20			123	81	43	22	12		002		CH
SA	0950	CLR	20			121	85	42	25	08		002	000 70	CH
SA	1050	CLR	20			118	87	41	24	18	G29	001		CH
SA	1150	CLR	20			113	89	41	22	20	G29	999		CH
SA	1250	CLR	20			110	89	39	20	17	G28	998	710	CH
SA	1350	CLR	20			110	90	40	22	16	G25	998	FEW CU	CH
SA	1450	CLR	20			102	90	38	22	18	G29	996	FEW CU	CH
SA	1550	250 SCT	20			099	91	39	20	17	G29	995	FEW CU/ 810 1102 91	
													RADAT 23135	CH
SA	1651	90SCT 250SCT	20			098	88	35	19	16	G24	994		HS
SA	1751	90SCT 250 SCT	20			101	87	36	21	11		996		HS
SA	1851	90SCT 250 SCT	20			104	84	34	19	17		997	303 1102	HS
SA	1950	CLR	20			109	81	34	18	09		998	CU NW	HS
SA	2050	CLR	20			115	77	35	15	07		999		HS
SA	2150	CLR	20			116	76	35	22	06		000	210 91	HS
SA	2252	CLR	20			120	75	38	22	03		001		HS
SA	2350	CLR	20			123	74	39	10	07		002		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: JUL 06 1986

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 49	26.540			27	0															0	2	.040			00-01
01 49	26.540			27	0															0					01-02
02 49	26.540			29	0															0					02-03
03 49	26.560			31	0															0	3	.020			03-04
04 49	26.580			35	0															0					04-05
05 50	26.590			33	0															0					05-06
06 50	26.610			29	0															0	2	.050			06-07
07 50	26.620			28	0															0					07-08
08 50	26.610			26	0															0					08-09
09 50	26.610			22	0															0	0	.000			09-10
10 50	26.600			20	0															0					10-11
11 50	26.590			19	0															0					11-12
12 50	26.580			17	0															0	7	.030			12-13
13 50	26.580			17	0															0					13-14
14 50	26.560			16	0															0					14-15
15 50	26.550			16	4	0	CU	80	4	CI	250	4								3	8	.030			15-16
16 51	26.540			15	5															5					16-17
17 51	26.550			17	5															5					17-18
18 51	26.560			16	3	2	CU	90	1	CI	250	3								3	3	.010			18-19
19 50	26.570			19	0															0					19-20
20 50	26.580			21	0															0					20-21
21 50	26.590			23	0															0	2	.030			21-22
22 52	26.600			26	0															0					22-23
23 50	26.610			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	X	0	0	X	79	74	X	X						X		
	0348	1	0	0	0	81	74		0								
	0948	2	0	0	0	85	70		0								
	1548	3	0	0	0	91	85		0								
	2148	4	0	0	0	91	74		0								
	MID.	X	0	0	0	76	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.610	26.550	26.570
BAROGRAPH 64	26.550	26.605	26.550	26.595
BAR. CORR. 65	+.010	+.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 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
91	70	0	0	0	30	SW	1114					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 0431 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 AT: 0552 P ±0 Sec./ 1955 ±0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 07 1986

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)	OBS. INITIALS (15)
SA	0050	CLR	20			122	76	40	33	04		002	107	HS
SA	0150	CLR	20			124	72	39	18	05		002		HS
SA	0253	CLR	20			124	72	39	19	05		002		HS
SA	0350	CLR	20			132	71	40	03	04		004	307 68 RADAT 25125	CH
SA	0450	CLR	20			140	71	39	09	04		006		CH
SA	0550	CLR	20			145	76	40	00	00		008		CH
SA	0650	CLR	20			150	80	40	21	10		010	217	CH
SA	0750	CLR	20			150	82	38	22	12		010		CH
SA	0850	CLR	20			152	83	40	23	15		010		CH
SA	0950	CLR	20			151	85	39	24	15		010	400 68	CH
SA	1050	CLR	20			142	88	38	24	16	G25	007		CH
SA	1150	CLR	20			137	91	38	23	17	G26	006		CH
SA	1250	CLR	20			130	90	39	23	17	G29	004	717 1002	CH
SA	1350	CLR	20			126	91	39	21	12	G22	003		CH
SA	1450	CLR	20			119	91	40	21	12	G25	001		CH
SA	1555	CLR	20			112	91	39	21	14	G23	999	717 1101 92 RADAT 28135	HS
SA	1652	250 - SCT	20			112	90	38	20	14	G20	999		HS
SA	1750	250 - SCT	20			107	89	36	22	11		998		HS
SA	1853	CLR	20			107	86	34	20	10		998	603 1001	HS
SA	1950	CLR	20			110	84	33	18	08		999	CI NW	HS
SA	2051	CLR	20			111	81	34	15	08		999		HS
SA	2150	CLR	20			115	78	34	15	07		000	207 92	HS
SA	2250	CLR	20			116	77	34	22	05		000		HS
SA	2350	CLR	20			116	71	33	03	06		000		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 07 1986

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	26.610			27	0														0					00-01
01	50	26.610			30	0														0	1	.020			01-02
02	53	26.610			31	0														0					02-03
03	50	26.630			33	0														0					03-04
04	50	26.650			31	0														0	3	.020			04-05
05	50	26.670			27	0														0					05-06
06	50	26.680			24	0														0					06-07
07	50	26.680			21	0														0	2	.050			07-08
08	50	26.680			22	0														0					08-09
09	50	26.680			20	0														0					09-10
10	50	26.660			17	0														0	4	.000			10-11
11	50	26.650			16	0														0					11-12
12	50	26.630			17	0	0	Ci	250											0	7	.050			12-13
13	50	26.620			16	0														0					13-14
14	50	26.600			17	0														0					14-15
15	55	26.580			16	0	0	Cu	90	0	Ci	250	0							0	7	.050			15-16
16	52	26.580			16	1														0					16-17
17	50	26.570			16	1														0					17-18
18	53	26.570			16	0	0	Ci	250											0	6	.010			18-19
19	50	26.580			16	0														0					19-20
20	51	26.580			18	0														0					20-21
21	50	26.590			20	0														0	2	.020			21-22
22	50	26.595			21	0														0					22-23
23	50	26.590			25	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 0348	X	0	0	X	78	68	X	X						X		
	0348	1	0	0	0	78	68		0								
	0948	2	0	0	0	85	70		0								
	1553	3	0	0	0	92	84		0								
	2148	4	0	0	0	92	78		0								
	MID.	X	0	0	0	78	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.680	26.580	26.590
BAROGRAPH 64	26.620	26.670	26.580	26.585
BAR. CORR. 65	+.010	+.010	±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 UNALTD (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
92	68	0	0	0	29	SW	1248					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 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 AT: 0655P ±0 Sec./ 1955P ±0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 08 1986

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 (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INDICATORS (15)
SA	0051	CLR	20			117	69	33	07	06		000	000	HS
SA	0150	CLR	20			118	61	33	05	05		000		HS
SA	0252	CLR	20			118	67	34	08	04		000		HS
SA	0350	CLR	20			129	68	36	35	05		003	310 65 RADAT 20145	CH
SA	0450	CLR	20			134	68	36	00	00		004		CH
SA	0550	CLR	20			134	74	36	00	00		005		CH
SA	0650	CLR	20			134	79	36	24	10		005	107	CH
SA	0750	CLR	20			137	82	35	23	14		006	CU SE	CH
SA	0850	CLR	20			134	83	34	22	14	G20	005	CU SE	CH
SA	0950	90 SCT	20			133	87	35	22	15	G22	005	000 1040 65	CH
SA	1050	90 SCT	20			129	89	37	21	15	G27	004		CH
SA	1150	CLR	20			124	91	40	22	16	G26	002		CH
SA	1250	CLR	20			116	92	40	23	17	G25	999	717	CH
SA	1350	CLR	20			114	92	40	22	18	G27	998		CH
SA	1450	CLR	20			102	92	39	21	16	G28	995		CH
SA	1555	CLR	20			099	92	39	22	14	G22	994	717 1100 94 RADAT 20151	HS
SA	1651	CLR	20			092	92	39	21	13	G26	993	CU SE	HS
SA	1752	CLR	20			090	91	37	21	14	G22	993		HS
SA	1854	CLR	20			091	88	35	23	14	G20	993	503	HS
SA	1950	CLR	20			095	85	32	23	10		994		HS
SA	2050	CLR	20			103	82	30	23	09		997		HS
SA	2155	CLR	20			107	79	28	23	07		998	214 94	HS
SA	2252	CLR	20			110	76	27	13	05		999		HS
SA	2350	CLR	20			107	79	28	36	05		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 08 1986

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	26.590			27	0															0	0	.000			00-01
01 50	26.590			28	0															0					01-02
02 52	26.590			30	0															0					02-03
03 50	26.620			31	0															0	3	.030			03-04
04 50	26.630			31	0															0					04-05
05 50	26.640			25	0															0					05-06
06 50	26.640			21	0															0	1	.020			06-07
07 50	26.650			18	0															0					07-08
08 50	26.640			17	0															0					08-09
09 50	26.640			16	2	2	AC	90												2	0	.000			09-10
10 50	26.630			16	1															1					10-11
11 50	26.610			17	0															0					11-12
12 50	26.590			16	0															0	7	.050			12-13
13 50	26.580			16	0															0					13-14
14 50	26.550			16	0															0					14-15
15 55	26.540			16	0	0	CU	90												0	7	.050			15-16
16 51	26.525			16	0															0					16-17
17 52	26.525			15	0															0					17-18
18 54	26.530			15	0															0	5	.010			18-19
19 50	26.540			15	0															0					19-20
20 50	26.560			15	0															0					20-21
21 55	26.570			16	0															0	2	.040			21-22
22 52	26.580			16	0															0					22-23
23 50	26.580			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	X	0	0	X	72	65	X	X						X		
	0348	1	0	0	0	78	65		0								
	0948	2	0	0	0	87	66		0								
	1553	3	0	0	0	94	87		0								
	2153	4	0	0	0	92	79		0								
	MID.	X	0	0	0	80	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.690	26.540	26.570
BAROGRAPH 64	26.600	26.640	25.545	26.575
BAR. CORR. 65	+.020	±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 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
94	65	0	0	0	*28	SW	1520					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

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 AT: 0555P ±0 Sec./ 1955P ±0 Sec./ ± Sec.

*LAST OF SEVERAL OCCURRENCES.

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 09 1986

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. INDICATORS (15)
SA	0053	CLR	20			111	74	28	30	05		999	103	HS
SA	0151	CLR	20			111	72	27	29	05		999		HS
SA	0251	CLR	20			117	67	26	36	05		000		HS
SA	0355	CLR	20			122	66	27	01	07		001	307 65 RADAT 27147	SEA
SA	0456	CLR	20			125	67	28	02	06		002		SEA
SA	0556	CLR	20			124	75	33	31	04		003		SEA
SA	0655	CLR	20			125	79	34	25	08		003	107	SEA
SA	0755	CLR	20			128	80	34	24	08	G17	004		SEA
SA	0854	CLR	20			125	83	34	22	14	G22	003		SEA
SA	0957	CLR	20			124	86	34	22	16	G26	003	802 65	SEA
SA	1059	CLR	20			120	89	35	23	16	G28	002	CI DSNT NW-N	SEA
SA	1156	CLR	20			113	90	36	21	15	G23	000	CI DSNT W-N	SEA
SA	1253	CLR	20			110	92	38	21	15	G27	999	CI W-N / 712 1002	SEA
SA	1354	250 SCT	20			107	93	39	23	13	G23	998		SEA
SA	1452	250 SCT	20			105	94	40	23	13	G22	997		SEA
SA	1552	250 - SCT	20			099	93	39	22	15	G22	994	814 1001 95 RADAT 20156	HS
SA	1650	250 - BKN	20			086	93	38	23	16		991		HS
SA	1751	250 - BKN	20			080	92	37	22	14		990		HS
SA	1853	250 - BKN	20			078	89	35	21	15		989	615 1001	HS
SA	1950	250 - BKN	20			081	88	33	21	12	G20	991		HS
SA	2052	250 - SCT	20			090	86	32	22	14		993		HS
SA	2150	CLR	20			089	85	32	22	15		993	112 1001 95	HS
SA	2252	CLR	20			087	83	32	23	12		993		HS
SA	2351	CLR	20			094	75	30	03	07		994		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 09 1986

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	26.580			18	0															0	1	.010			00-01
01 51	26.580			19	0															0					01-02
02 51	26.590			21	0															0					02-03
03 55	26.600			23	0															0	3	.020			03-04
04 56	26.610			24	0															0					04-05
05 56	26.615			21	0															0					05-06
06 55	26.620			20	0															0	1	.020			06-07
07 55	26.625			19	0															0					07-08
08 54	26.620			17	0															0					08-09
09 57	26.615			15	0															0	8	.005			09-10
10 59	26.605			15	0															0					10-11
11 56	26.590			15	0															0					11-12
12 53	26.580			15	0	0	Ci	250												0	7	.035			12-13
13 54	26.570			16	1															1					13-14
14 52	26.560			15	3															2					14-15
15 52	26.540			15	4	4	Ci	250												1	8	.040			15-16
16 50	26.510			15	6															1					16-17
17 51	26.500			15	6															1					17-18
18 53	26.495			15	8	8	Ci	250												1	6	.045			18-19
19 50	26.505			14	8															2					19-20
20 52	26.530			14	2															0					20-21
21 50	26.530			15	0	0	Ci	250												0	1	.035			21-22
22 53	26.525			16	0															0					22-23
23 51	26.535			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 0351	X	0	0	X	80	65	X	X						X		
	0351	1	0	0	0	80	65		0								
	0954	2	0	0	0	87	65		0								
	1550	3	0	0	0	95	86		0								
	2148	4	0	0	0	93	85		0								
	MID.	X	0	0	0	85	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.615	26.540	26.530
BAROGRAPH 64	26.600	26.620	26.535	26.525
BAR. CORR. 65	± 0	-.005	+.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	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
95	65	0	0	0	28	SW	1053					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 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 AT: 0350PST ± 0 Sec./ 0948PST 0 Sec./ 1855P ± 0 Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 10 1986**

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 (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			095	73	28	04	10		994	303	HS
SA	0150	CLR	20			098	71	30	04	08		995		HS
SA	0250	CLR	20			101	68	29	04	07		995		HS
SA	0358	250 SCT	20			108	68	32	01	06		998	310 1002 67 RADAT 2415Z	SEA
SA	0455	250-SCT	20			114	65	32	36	04		999	FEW AC NE-E	SEA
SA	0550	250 SCT	20			119	71	34	00	00		001		SEA
SA	0653	CLR	20			118	77	35	00	00		001	FEW CI / 110 1002	SEA
SA	0751	CLR	20			119	80	37	26	05		002	FEW CI DSNT SE	SEA
SA	0854	CLR	20			117	83	38	20	06		001	FEW CI	SEA
SA	0955	CLR	20			112	87	39	23	08		000	FEW CI / 803 1001 64	SEA
SA	1056	250-SCT	20			103	90	40	21	06		998		SEA
SA	1150	250-SCT	20			102	92	41	22	11		997		SEA
SA	1251	E250 BKN	20			102	94	43	22	10		997	610 1002	SEA
SA	1354	250-BKN	20			095	96	44	23	12		994		SEA
SA	1455	250-BKN	20			090	98	45	24	16	G18	993		SEA
SA	1552	250-BKN	20			085	97	45	23	10		991	717 1001 98 RADAT 3815Z	CRD
SA	1651	250-BKN	20			078	97	44	26	14	G19	988		CRD
SA	1752	E250 BKN	20			073	95	43	25	12		987		CRD
SA	1855	E250 OVC	20			075	92	40	24	10		988	507 1002	CRD
SA	1952	E250 OVC	20			076	89	38	24	06		988		CRD
SA	2054	E250 BKN	20			078	86	36	03	03		990		CRD
SA	2154	250 SCT	20			075	82	33	04	06		988	000 1002 98	CRD
SA	2250	250 SCT	20			079	77	31	02	08		990		CRD
SA	2355	250 SCT	20			081	78	31	01	08		991		CRD

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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 10 1986

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

SURFACE WEATHER OBSERVATIONS

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	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	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			19	0															0	3	.010			00-01
01 50	26.545			22	0															0					01-02
02 50	26.550			22	0															0					02-03
03 58	26.570			26	1	1	CI	250												1	3	.030			03-04
04 55	26.580			28	2															1					04-05
05 50	26.600			26	1															1					05-06
06 53	26.600			22	0	0	CI	250												0	1	.030			06-07
07 51	26.605			21	0															0					07-08
08 54	26.600			20	0															0					08-09
09 55	26.590			18	0	0	CI	250												0	8	.010			09-10
10 56	26.570			17	1															0					10-11
11 50	26.560			17	3															1					11-12
12 51	26.560			17	6	6	CI	E250												4	6	.030			12-13
13 54	26.540			17	7															3					13-14
14 55	26.525			17	6															3					14-15
15 52	26.510			17	6	6	CI	250												3	7	.050			15-16
16 51	26.490			16	6															3					16-17
17 52	26.480			17	8															5					17-18
18 55	26.490			16	10	10	CI	E250												6	5	.020			18-19
19 52	26.490			17	10															6					19-20
20 54	26.500			17	7															4					20-21
21 54	26.490			17	2	2	CI	250												2	0	.000			21-22
22 50	26.500			19	1															1					22-23
23 55	26.510			18	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		0	0		75	67										
	0351	1	0	0	0	85	67		0								
	0849	2	0	0	0	84	64		0								
	1549	3	0	0	0	98	87		0								
	2150	4	0	0	0	97	81		0								
	MID.		0	0	0	82	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0855	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.590	26.510	26.490
BAROGRAPH 64	26.560	26.580	26.500	26.490
BAR. CORR. 65	+.010	+.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 UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	64	0	0	0	19	W	1641					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 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 AT: 0355 AST ±0 Sec. / 0850 AST ±0 Sec. / 2151 SP ±0 Sec.

* LAST OF SEVERAL OCCURRENCES.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 11 1986

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 (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			084	75	31	02	05		992	208	CRD
SA	0150	CLR	20			082	77	31	01	05		992		CRD
SA	0250	250 - SCT	20			084	76	31	01	05		992		CRD
SA	0353	250 - SCT	20			087	73	30	07	06		993	303 1001 72 RADAT 46151	SEA
SA	0456	250 - SCT	20			095	69	31	04	04		994		SEA
SA	0555	CLR	20			093	78	35	00	00		995	FEW CI	SEA
SA	0656	CLR	20			091	85	39	30	05		995	FEW CI / 107 1001	SEA
SA	0753	CLR	20			095	88	40	27	06		996	CI DSNT S	SEA
SA	0852	CLR	20			094	90	41	26	06		996		SEA
SA	0953	CLR	20			090	92	42	23	09		994	802 69	SEA
SA	1055	CLR	20			088	95	45	21	11		993		SEA
SA	1153	CLR	20			078	97	46	22	09		991		SEA
SA	1255	CLR	20			071	99	48	27	14	G19	989	CU NW / 717 1100	SEA
SA	1355	CLR	20			062	101	50	21	14	G25	987	FEW CU	SEA
SA	1450	CLR	20			059	101	50	24	13	G20	986	FEW CU	SEA
SA	1551	CLR	20			055	101	49	26	08		984	715 OR RADAT 47155	CRD
SA	1650	CLR	20			048	100	49	26	09	G19	981		CRD
SA	1750	CLR	20			044	91	47	23	10		981		CRD
SA	1854	CLR	20			040	96	45	22	09		981	608	CRD
SA	1953	CLR	20			045	93	43	20	10		982		CRD
SA	2059	CLR	20			045	92	42	21	10		982		CRD
SA	2154	CLR	20			050	91	41	21	15	G20	983	307 02	CRD
SA	2251	CLR	20			052	90	40	20	13		984		CRD
SA	2350	CLR	20			051	89	40	19	14	G19	984		CRD

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/8085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 11 1986

To convert L.S.T. 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	26.515			20	0															0	2	.025			00-01
01 50	26.515			19	0															0					01-02
02 50	26.520			19	2															0					02-03
03 53	26.525			20	1	1	CI	250												0	3	.010			03-04
04 56	26.540			24	1															0					04-05
05 55	26.545			21	0															0					05-06
06 56	26.545			20	0	0	CI	250												0	1	.020			06-07
07 53	26.555			19	0															0					07-08
08 52	26.550			18	0															0					08-09
09 53	26.540			18	0															0	8	.005			09-10
10 55	26.530			18	0															0					10-11
11 53	26.510			18	0															0					11-12
12 55	26.490			18	0	0	CU	100												0	7	.050			12-13
13 55	26.470			18	0															0					13-14
14 50	26.460			18	0															0					14-15
15 51	26.445			18	0															0	7	.045			15-16
16 50	26.420			18	0															0					16-17
17 50	26.420			17	0															0					17-18
18 54	26.430			18	0															0	6	.025			18-19
19 53	26.430			18	0															0					19-20
20 51	26.430			18	0															0					20-21
21 54	26.440			18	0															0	3	.020			21-22
22 51	26.450			17	0															0					22-23
23 50	26.445			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 0349		0	0		79	72										
	0349	1	0	0	0	82	72		0								
	0951	2	0	0	0	92	69		0								
	1549	3	0	0	0	102	92		0								
	2150	4	0	0	0	101	91		0								
	MID.		0	0	0	91	89										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1550	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.540	26.445	26.440
BAROGRAPH 64	26.510	26.540	26.425	26.430
BAR. CORR. 65	+.015	±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 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
102	69	0	0	0	25	SW	1349					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 4:34P SUNSET 1904P

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 AT: 0354/7PST ±0 Sec./ 0956PST ±1 Sec./ 2305 ±1 Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 1986

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	0053	CLR	20			048	88	41	21	12	G19	984	103	CRD
SA	0150	CLR	20			052	84	39	36	03		984		CRD
SA	0253	CLR	20			059	76	37	11	05		985		CRD
SA	0357	CLR	20			060	77	38	07	05		986	305 76 RADAT 61153	SEA
SA	0458	CLR	20			070	74	39	01	03		988		SEA
SA	0553	CLR	20			075	80	40	00	00		991		SEA
SA	0652	CLR	20			080	85	41	00	00		992	219	SEA
SA	0752	CLR	20			079	89	41	00	00		992		SEA
SA	0852	CLR	20			079	92	44	24	07		992		SEA
SA	0955	CLR	20			073	95	44	23	12	G20	991	805 73	SEA
SA	1054	CLR	20			066	97	45	25	11	G20	989		SEA
SA	1157	CLR	20			060	99	47	22	15	G21	987		SEA
SA	1251	CLR	20			055	100	47	21	13	G25	986	715	SEA
SA	1355	CLR	20			050	100	47	24	11	G24	984		SEA
SA	1453	CLR	20			048	100	47	24	12	G21	982		SEA
SA	1550	CLR	20			048	100	41	21	15	G25	982	610 01 RADAT 44154	CRD
SA	1648	CLR	20			046	91	46	23	17	G27	981		CRD
SA	1753	CLR	20			044	97	44	21	18	G25	981	FEW CI NW	CRD
SA	1859	CLR	20			047	93	41	21	15		982	SOL 1001	CRD
SA	1954	250-SCT	20			049	92	41	20	14		983		CRD
SA	2050	250 SCT	20			052	90	42	21	13		984		CRD
SA	2150	250 SCT	20			060	89	42	21	15		986	215 1002 01	CRD
SA	2250	250 SCT	20			064	89	43	21	16	G23	987		CRD
SA	2351	250 SCT	20			060	89	45	21	14		988		CRD

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK, NEVADA

DATE: JUL 12 1986

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	26.450			19	0															0	1	.010			00-01
01 50	26.450			20	0															0					01-02
02 53	26.460			24	0															0					02-03
03 57	26.465			25	0															0	3	.015			03-04
04 58	26.485			28	0															0					04-05
05 53	26.505			24	0															0					05-06
06 52	26.520			21	0															0	2	.055			06-07
07 52	26.520			19	0															0					07-08
08 57	26.520			19	0															0					08-09
09 55	26.505			17	0															0	8	.015			09-10
10 54	26.490			17	0															0					10-11
11 57	26.475			17	0															0					11-12
12 57	26.460			17	0															0	7	.045			12-13
13 55	26.445			17	0															0					13-14
14 55	26.430			17	0															0					14-15
15 50	26.430			17	0															0	6	.030			15-16
16 48	26.420			17	0															0					16-17
17 53	26.420			16	0															0					17-18
18 57	26.425			17	0	0	CI	250												0	5	.005			18-19
19 54	26.440			17	1															0					19-20
20 50	26.450			19	1															1					20-21
21 50	26.470			19	1	1	CI	250												1	2	.045			21-22
22 50	26.480			20	1															1					22-23
23 51	26.490			23	1															1					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 0353	X	0	0	X	89	76	X	X						X		
	0353	2	0	0	0	91	76		0								
	0952	2	0	0	0	95	73		0								
	1547	3	0	0	0	101	95		0								
	2146	4	0	0	0	100	89		0								
	MID.	X	0	0	0	89	87	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0955	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.465	26.505	26.430	26.470
BAROGRAPH 64	26.460	26.500	26.420	26.460
BAR. CORR. 65	+.005	+.005	+.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 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	73	0	0	0	27	SW	1645					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 4:35 P SUNSET 1904P

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 AT: 0352 PST ±0 Sec./ 0951 PST ±2 Sec./ 2205 ±2 Sec.

K LAST OF SEVERAL OCCURRENCES

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 1986

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	0052	CLR	20			064	86	45	24	10		987	003	CRD
SA	0150	CLR	20			068	82	44	05	03		988		CRD
SA	0254	CLR	20			074	78	44	02	03		990		CRD
SA	0357	CLR	20			082	76	43	04	08		992	314 75 RADAT 43159	DC
SA	0455	CLR	20			089	74	43	00	00		994	CI S-SW	DC
SA	0554	CLR	20			094	78	44	00	00		996	CI S-SW	DC
SA	0653	CLR	20			098	84	44	00	00		997	114 1001	DC
SA	0756	CLR	20			095	88	44	19	03		997	CI SW	DC
SA	0855	CLR	20			095	91	41	18	16	G21	997	CI SW	DC
SA	0951	CLR	20			095	93	42	18	15	G24	997	400 1001 73	DC
SA	1055	CLR	20			097	95	45	20	14	G28	998	CI SW	DC
SA	1152	CLR	20			095	96	45	19	18	G23	997	CI SE	DC
SA	1256	CLR	20			086	97	47	22	16	G24	994	807 1001	DC
SA	1354	CLR	20			082	98	48	23	14	G27	993	CB DSNT W-NW	DC
SA	1457	CLR	20			080	98	49	23	17	G25	992	CB DSNT NW CI SE	DC
SA	1553	CLR	20			078	98	49	24	14	G25	991	610 1201 99 RADAT	JC
													22161	
SA	1654	CLR	20			068	97	47	22	14	G21	988	FEW CU NW	JC
SA	1755	CLR	20			070	95	45	21	15	G21	988	FEW CU NW CI SE S	JC
SA	[illegible]	CLR	20			[illegible]	93	41	20	[illegible]	[illegible]	[illegible]	[illegible]	JC
SA	1956	250-SCT	20			071	92	42	19	09	17	989		JC
SA	2055	250-SCT	20			078	90	42	23	07		991		JC
SA	2153	250-SCT	20			085	87	43	23	06		993	317 1001 99	JC
SA	2255	250-BKN	20			084	87	43	21	10		993		JC
SA	2354	250-BKN	20			090	81	41	04	04		994		JC

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 13 1986

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	26.480			24	0															0	0	.010			00-01
01 50	26.490			26	0															0					01-02
02 54	26.500			30	0															0					02-03
03 57	26.520			31	0															0	3	.040			03-04
04 55	26.535			33	0															0					04-05
05 54	26.550			30	0															0					05-06
06 53	26.560			25	0	0	CI	250												0	1	.040			06-07
07 56	26.560			22	0															0					07-08
08 55	26.560			18	0															0					08-09
09 51	26.560			17	0	0	CI	250												0	4	.000			09-10
10 55	26.570			18	0															0					10-11
11 52	26.560			18	0															0					11-12
12 56	26.540			18	0	0	CI	250												0	8	.020			12-13
13 54	26.525			19	0															0					13-14
14 57	26.520			19	0															0					14-15
15 53	26510			19	0	0	TCU	70	0	CI	250	0								0	6	.030			15-16
16 54	26480			18	0															0					16-17
17 55	26480			18	0															0					17-18
18 54	26480			18	0	0	CI	250												0	6	.030			18-19
19 56	26490			18	2															0					19-20
20 55	26510			19	3															0					20-21
21 53	26530			22	5	5	CI	250												0	3	.050			21-22
22 55	26530			22	6															0					22-23
23 54	26540			24	6															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	87	75	X	X						X		
	0350	1	0	0	0	89	75		0								
	0948	2	0	0	0	93	73		0								
	1549	3	0	0	0	99	92		0								
	2148	4	0	0	0	98	87		0								
	MID.	X	0	0	0	87	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1557	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.560	26.57	26.530
BAROGRAPH 64	26.505	26.560	26.495	26.510
BAR. CORR. 65	+.015	0	+.015	+.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
99	73	0	0	0	29	5	1124					0	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 0436P SUNSET 1904P

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 AT: 0820P ±0 Sec./ 2145P ±0 Sec./ ± Sec.

U LAST OF SEVERAL OCCURRENCES

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 14 1986

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 (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSORS USED (15)
SA	0056	CLR	20			087	86	41	22	09		994	203 1001	JC
SA	0153	CLR	20			094	79	40	02	06		996		JC
SA	0250	CLR	20			094	77	40	01	06		196		JC
SA	0358	100 SCT E200 BKN	20			094	77	42	02	06		996	103 1202 76	JC
													RADAT 67151	
SA	0457	E100 BKN 200 BKN	20			099	76	43	05	05		997	VIRGA E	JC
SA	0558	100 SCT E200 BKN	20			100	83	44	00	00		998		JC
SA	0655	100 SCT E130 BKN 200 BKN	20			111	83	43	28	08		000	315 1232	JC
SA	0751	100 SCT 130 SCT E200 BKN	20			111	88	44	24	05		001	VIRGA SE	JC
SA	0854	130 SCT 200 SCT	20			105	93	46	10	04		000		JC
SA	0957	130 SCT 200 SCT	20			101	95	47	22	15		999	805 1242 75	JC
SA	1055	130 SCT 250-BKN	20			098	97	48	21	15	G21	998	FEW ACSL	JC
SA	1156	130 SCT 250-OVC	20			096	96	48	21	14	G23	997	CU SE FEW ACSL	JC
SA	1256	130 SCT E200 OVC	20			086	98	49	17	16	G27	994	814 1277	JC
SA	1355	100 SCT E200 OVC	20			080	97	49	22	13		993		JC
SA	1449	100 SCT E200 OVC	20			084	96	49	21	13	G22	992	TCU E	JC
SA	1553	100 SCT E200 OVC	20			084	95	49	20	15	G21	992	RWY NE-E/607 1207	JC
													98 RADAT 82146	
SA	1655	100 SCT E200 OVC	20			085	93	50	21	16	G23	992		JC
SA	1754	100 SCT E200 OVC	20			084	90	50	21	14	G20	992		JC
SA	1853	100 SCT E200 OVC	20			089	88	52	21	13	G24	993	303 1077	JC
SA	1956	100 SCT E200 OVC	20			090	87	52	23	14	G19	994		JC
SA	2055	100 SCT E200 OVC	20			092	86	50	22	06		996		JC
SA	2153	100 SCT E200 OVC	20			096	85	50	19	11	G19	997	210 1077 98	JC
SA	2254	E100 BKN 200 OVC	20		RW —	114	76	62	27	08		001	RB18	JC
SA	2353	E100 BKN 200 OVC	20		RW —	115	76	62	28	06		001		JC

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/8085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 14 1986

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 56	26.540			21	0	0	Ci	250												0	2	.010			00-01
01 55	26.550			25	0															0					01-02
02 50	26.550			27	0															0					02-03
03 58	26.550			29	8	2	Cu	100	6	CI	E200	8								5	1	.010			03-04
04 57	26.560			31	9															7					04-05
05 58	26.570			26	9															5					05-06
06 55	26.595			25	7	1	Cu	100	5	AC	E130	6	1	CI	200	7				7	3	.045			06-07
07 51	26.600			22	8															5					07-08
08 54	26.590			20	2															2					08-09
09 57	26.580			20	3	0	Cu	100	1	ACSL	130	1	2	CI	200	3				2	8	.015			09-10
10 55	26.570			19	9															4					10-11
11 56	26.560			20	10															5					11-12
12 56	26.540			19	10	0	Cu	100	1	AC	130	1	10	CS	E200	10				8	8	.040			12-13
13 55	26.530			20	10															9					13-14
14 49	26.520			21	10															10					14-15
15 53	26.520			21	10	4	Cu	100	10	CS	E200	10								10	6	.020			15-16
16 53	26.520			23	10															10					16-17
17 54	26.520			26	10															10					17-18
18 53	26.520			29	10	2	Ac	100	10	CS	E200	10								10	3	.010			18-19
19 56	26.540			30	10															10					19-20
20 58	26.550			29	10															10					20-21
21 53	26.560			30	10	4	Ac	100	10	CS	E200	10								10	2	.030			21-22
22 59	26.600			62	10															10					22-23
23 55	26.600			62	10															10					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		0	0		87	76										
	0350	1	0	0	0	87	76		0								
	0950	2	0	0	0	95	75		0								
	1557	3	0	0	0	98	84		0								
	2144	4	0	0	0	96	84		0								
	MID.		.01	0	0	86	73										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.580	26.570	26.560
BAROGRAPH 64	26.540	26.570	26.560	26.530
BAR. CORR. 65	+.010	+.010	+.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 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	73	.01	0	0	30	5	1330					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2216	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0446 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 AT: 0730 P ± 0 Sec./ 2004 P 00 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 15 1986

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)	OB. INDICATORS (18)
SA	0053	E100 BKN 200 OVC	20		RW-	114	75	62	17	05		001	11401 1022	JC
SA	0147	E100 OVC	10		RW-	117	70	66	04	04		001		JC
SA	0253	E100 OVC	10		RW-	118	70	67	00	00		001		JC
SA	0358	E 100 OVC	20		RW-	119	70	67	10	03		001	BINOVC / 40007 12//	DC
													69 20007 RADAT 98134	
SA	0457	E 100 OVC	20		RW-	119	70	68	29	03		001	BINOVC	DC
SA	0556	70 SCT E100 OVC	20		RW-	127	70	66	35	03		003		DC
SA	0656	E90 BKN 120 OVC	20			128	70	67	08	06		003	BINOVC OVHD RE32	DC
													/ 20505 127/	
SA	0755	E80 BKN 120 OVC	20		RW-	130	70	65	00	00		003	RB34	DC
SA	0855	M55 OVC	20			129	73	65	00	00		003	HIR CLDS VSBL RE04	DC
SA	0955	M50 OVC	20			130	74	63	00	00		003	FEW LWR CLDS ALQ	DC
													MTNS E-S / 10206	
													12// 69	
SA	1055	30 SCT M55 OVC	20			129	75	61	22	03		002	RWW OMTNS SE-S	DC
SA	1152	38 SCT M55 OVC	20		RW-	126	72	64	21	13		001	RB48 HVYR RW	DC
													OMTNS S-SW	
SA	1255	40 SCT E65 OVC	20			121	75	64	18	07		000	CB TCU NE RE15	DC
													RWW SE-S / 7100113//	
SA	1350	40 SCT E70 BKN 150 OVC	20			120	75	62	20	07		999	BINOVC	DC
SA	1446	90 SCT E200 BKN	20			111	78	61	22	07		997	FEW CU	DC
SA	1553	40 SCT 250-BKN	20			098	81	60	22	07		993	CB SE / 82001 130182	JC
													RADAT 66146	
SA	1654	250-BKN	20			090	82	59	21	06		991	CBDSNTSE TCUCU	JC
SA	1750	250-SCT	20			086	82	59	25	08		990		JC
SA	1851	250-SCT	20			079	81	59	22	07		988	717 1001	JC
SA	1954	CLR	20			083	76	60	03	08		988		JC
SA	2055	250-SCT	20			082	74	62	00	00		988		JC
SA	2153	250-SCT	20			084	75	60	00	00		989	303 1001 ~~SCT~~ 86	JC
SA	2254	CLR	20			086	71	60	36	05		989		JC
SA	2353	CLR	20			089	69	60	02	06		989		JC

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 15 1986

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	26.600			64	10	7	Ac	E100	10	CS	200	10								10	1	.040			00-01
01 57	26.640			87	10															10					01-02
02 55	26.600			90	10															10					02-03
03 58	26.600			90	10	10	Cu	E100												10	4	.000			03-04
04 57	26.600			93	10															10					04-05
05 56	26.615			87	10															10					05-06
06 56	26.615			90	10	7	Cu	E90	3	AC	120	10								10	2	.015			06-07
07 55	26.620			84	10															10					07-08
08 55	26.620			76	10															10					08-09
09 55	26.620			69	10	0	Cu	30	10	Cu	M50	10								10	1	.005			09-10
10 55	26.610			62	10															10					10-11
11 52	26.600			76	10															10					11-12
12 55	26.590			69	10	3	CB	40	7	SC	E65	10								10	7	.030			12-13
13 50	26.580			64	10															10					13-14
14 46	26.560			56	7															6					14-15
15 53	26.530			49	6	1	CB	40	6	Ci	250	6								1	8	.060			15-16
16 54	26.510			46	6															0					16-17
17 50	26.500			46	3															0					17-18
18 51	26.480			48	1	1	Ci	250												0	7	.050			18-19
19 [illegible]	[illegible]			[illegible]	[illegible]															[illegible]					19-20
20 52	26.490			66	2															0					20-21
21 53	26.490			60	1	1	Ci	250												0	3	.010			21-22
22 54	26.490			68	0															0					22-23
23 53	26.490			73	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		.06	0		76	69										
	0350	1	.07	0	0	86	69		1								
	0948	2	.06	0	0	74	69		1								
	1548	3	.01	0	0	82	70		1								
	2147	4	0	0	0	82	73		0								
	MID.		0	0	0	75	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26.530	26.490
BAROGRAPH 64	26.570	26.600	26.510	26.465
BAR. CORR. 65	+.030	+.020	+.020	+.025

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 (Knots) 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
82	68	.13	0	0	18	SW	1140					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT.	0632			
RW-	0734	0804			
RW-	1148	1215			

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 AT: 1100 P ±0 Sec./ 1848 P (E) 0 Sec./ ± Sec.

SA 2153 24 HOUR MAX 82 CHANGED TO 86 AT 16/1030P

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 16 1986

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. INTERVALS (15)
SA	0055	CLR	20			084	67	60	04	04		988	803	JC
SA	0154	CLR	20			085	66	60	30	05		988		JC
SA	0250	CLR	20			078	67	60	06	03		987		JC
SA	0358	CLR	20			078	65	60	00	00		987	703 1200 64	DC
													20007 RADAT 54142	
SA	0450	CLR	20			080	64	60	07	06		987	CU SC SE	DC
SA	0553	CLR	20			080	68	60	00	00		988	CU SC SE	DC
SA	0651	CLR	20			076	75	51	34	05		988	103 1400	DC
SA	0754	CLR	20			075	80	48	04	05		987	SC SE	DC
SA	0857	CLR	20			070	85	38	19	15	G24	986		DC
SA	0956	CLR	20			070	86	38	19	20	G26	987	503 63	DC
SA	1050	CLR	20			069	87	36	20	20	G30	986		DC
SA	1152	CLR	20			065	89	36	21	20	G30	984		DC
SA	1255	CLR	20			057	90	36	21	23	G31	982	814	DC
SA	1355	CLR	20			054	92	37	21	20	G30	981		DC
SA	1452	CLR	20			050	92	37	19	22	G28	980	PK WND 2037/31	DC
SA	1552	CLR	20			046	92	37	19	15	G31	979	710 93 RADAT 20153	HRG
SA	1652	CLR	20			043	91	36	20	15	G25	979		HRG
SA	1752	CLR	20			045	90	34	21	14	G23	979		HRG
SA	1852	CLR	20			044	86	31	22	14	G28	979	500	HRG
SA	1952	CLR	20			046	83	26	23	16	G24	980		HRG
SA	2050	CLR	20			049	81	26	24	18	G28	981		HRG
SA	2152	CLR	20			061	79	25	25	05	G15	984	317 93	HRG
SA	2252	CLR	20			066	76	27	24	05		985		HRG
SA	2352	CLR	20			072	73	28	24	08		987		HRG

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 16 1986

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	26.480			78	0															0	8	.010			00-01
01 54	26.480			81	0															0					01-02
02 50	26.470			78	0															0					02-03
03 58	26.470			84	0	0	Cu	60												0	7	.010			03-04
04 50	26.475			87	0															0					04-05
05 53	26.480			76	0															0					05-06
06 51	26.480			43	0	0	SC	60												0	1	.010			06-07
07 54	26.475			33	0															0					07-08
08 57	26.465			19	0															0					08-09
09 55	26.470			18	0															0	5	.010			09-10
10 50	26.460			16	0															0					10-11
11 52	26.450			15	0															0					11-12
12 55	26.430			15	0															0	8	.040			12-13
13 55	26.420			15	0															0					13-14
14 46	26.410			15	0															0					14-15
15 52	26.400			15	0															0	7	.030			15-16
16 52	26.390			14	0															0					16-17
17 52	26.400			14	0															0					17-18
18 52	26.400			14	0															0	5	.000			18-19
19 52	26.410			13	0															0					19-20
20 50	26.420			13	0															0					20-21
21 52	26.430			14	0															0	3	.050			21-22
22 52	26.460			16	0															0					22-23
23 52	26.475			19																					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	69	64	X	X						X		
	0350	1	0	0	0	75	64		0								
	0948	2	0	0	0	86	63		0								
	1548	3	0	0	0	93	86		0								
	2148	4	0	0	0	92	79		0								
	MID.	X	0	0	0	79	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.470	26.400	26.450
BAROGRAPH 64	26.450	26.455	26.385	26.430
BAR. CORR. 65	+.020	+.015	+.015	+.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 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
93	63	0	0	0	37	S	1431					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

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 AT: 1000 P ±0 Sec./ 2306 ⊕ 0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 17 1986

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			074	72	29	29	06		987	110	WRG
SA	0152	CLR	20			079	68	30	31	05		988		WRG
SA	0250	CLR	20			084	64	30	04	10		990		WRG
SA	0354	CLR	20			092	62	30	36	10		992	214 62 RAEAT 22151	SH
SA	0451	CLR	20			100	62	30	04	09		994		SH
SA	0552	CLR	20			107	68	31	33	03		996		SH
SA	0651	CLR	20			112	72	31	35	02		998	119	SH
SA	0750	CLR	20			116	75	32	33	03		999		SH
SA	0851	CLR	20			115	78	32	27	04		999		SH
SA	0953	CLR	20			116	81	32	11	08		999	103 60	SH
SA	1054	CLR	20			109	85	32	22	18	G27	997		SH
SA	1152	CLR	20			107	87	34	20	13	G26	996		SH
SA	1251	CLR	20			104	88	34	23	16	G25	996	610	SH
SA	1351	CLR	20			098	89	35	20	17	G26	994		SH
SA	1448	CLR	20			096	89	35	22	17	G24	993		SH
SA	1552	CLR	20			094	90	35	21	14	G22	992	712 90 RAEAT 22151	WRG
SA	1652	CLR	20			091	89	34	20	16	G24	991		WRG
SA	1752	CLR	20			086	88	33	21	18		990	FEW CI W.	WRG
SA	1853	CLR	20			089	85	31	18	12	G21	991	503 1005	WRG
SA	1952	CLR	20			092	82	28	16	11		992		WRG
SA	2052	CLR	20			096	79	29	16	08		993		WRG
SA	2152	CLR	20			098	78	29	16	09		994	210 90	WRG
SA	2252	CLR	20			097	76	29	25	06		994		WRG
SA	2355	250 - SCT	20			095	78	30	20	12		994		WRG

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 17 1986

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	HRS. 41
00 53	26.480			20	0															0	1	.030			00-01
01 52	26.490			24	0															0					01-02
02 50	26.500			28	0															0					02-03
03 54	26.520			29	0															0	2	.040			03-04
04 51	26.540			31	0															0					04-05
05 52	26.560			26	0															0					05-06
06 51	26.575			22	0															0	1	.055			06-07
07 50	26.585			21	0															0					07-08
08 51	26.585			19	0															0					08-09
09 53	26.585			17	0															0	1	.010			09-10
10 54	26.570			15	0															0					10-11
11 52	26.560			15	0															0					11-12
12 51	26.555			15	0															0	6	.030			12-13
13 51	26.540			15	0															0					13-14
14 48	26.530			15	0															0					14-15
15 52	26.520			15	0															0	7	.035			15-16
16 52	26.510			15	0															0					16-17
17 52	26.500			14	0															0					17-18
18 54	26.510			14	0	0	CI	250												0	5	.010			18-19
19 52	26.520			14	0															0					19-20
20 52	26.530			13	0															0					20-21
21 52	26.540			13	0															0	2	.030			21-22
22 52	26.540			14	0															0					22-23
23 55	26.540			17	1															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 0351		0	0		74	62										
	0351	1	0	0	0	79	62		0								
	0949	2	0	0	0	81	60		0								
	1548	3	0	0	0	90	81		0								
	2148	4	0	0	0	90	77		0								
	MID.		0	0	0	79	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26520	26585	26.520	26.540
BAROGRAPH 64	26.500	26565	26.540	26.550
BAR. CORR. 65	+.020	+.020	±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 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 TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	60	0	0	0	30	SW	1801					0	0		

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

TIME CHECK - CLOCK AT: 0620 P ±0 Sec./ 2253 ±0 Sec./ ± Sec.

* BAROGRAM CHANGED - SET TO ZERO COR 0958P

WEATHER & OBSTRUCTIONS TO VISION

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

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

DATE JUL 18 1986

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. SENSOR INITIALS (16)
SA	0052	CLR	20			096	75	30	23	09		994	400 1001	WRG
SA	0152	250 - SCT	20			096	74	33	24	10		994		WRG
SA	0250	250 - SCT	20			101	73	34	23	11		993		WRG
SA	0352	CLR	20			107	71	32	20	07		997	308 1001 70 RADAT MISC	SH
SA	0454	CLR	20			116	73	33	20	16	G22	999	FEW CI	SH
SA	0552	CLR	20			122	76	30	20	15	G24	002		SH
SA	0655	CLR	20			127	80	32	17	14	G22	004	120	SH
SA	0752	CLR	20			129	83	32	20	13		004		SH
SA	0853	CLR	20			132	84	32	19	15	G23	005		SH
SA	0952	CLR	20			138	85	34	19	16		006	308 67	SH
SA	1052	CLR	20			138	87	35	21	14	G24	006		SH
SA	1152	CLR	20			132	89	37	23	17	G24	005		SH
SA	1254	CLR	20			131	89	37	23	15	G23	005	805	SH
SA	1350	CLR	20			129	92	39	22	14	G21	004		SH
SA	1449	CLR	20			126	91	39	21	09	G18	003		SH
SA	1552	CLR	20			124	91	39	22	10	G18	002	708 93 RADAT 20152	WRG
SA	1652	CLR	20			119	91	38	21	12	G20	001		WRG
SA	1752	CLR	20			119	89	37	20	10	G18	001		WRG
SA	1852	CLR	20			121	87	34	21	10	G18	002	500	WRG
SA	1952	CLR	20			129	83	32	23	09		004		WRG
SA	2050	CLR	20			143	78	28	28	05		007		WRG
SA	2152	CLR	20			145	73	22	03	09		007	117 93	WRG
SA	2252	CLR	20			152	71	22	06	05		009		WRG
SA	2352	CLR	20			154	69	21	05	03		011		WRG

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6065

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 18 1996

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.
0052	26.570			19	0	0	CI	250												0	4	.000			00-01
0152	26.570			23	1															0					01-02
0250	26.550			23	1															0					02-03
0352	26.565			24	0	0	CI	250												0	3	.025			03-04
0454	26.590			23	0															0					04-05
0552	26.610			19	0															0					05-06
0655	26.625			17	0															0	1	.060			06-07
0752	26.630			16	0															0					07-08
0853	26.635			16	0															0					08-09
0952	26.650			16	0															0	3	.025			09-10
1052	26.650			16	0															0					10-11
1152	26.640			16	0															0					11-12
1254	26.635			16	0															0	8	.015			12-13
1350	26.630			16	0															0					13-14
1449	26.620			16	0															0					14-15
1552	26.610			16	0															0	7	.025			15-16
1652	26.600			16	0															0					16-17
1752	26.600			16	0															0					17-18
1852	26.610			15	0															0	5	.000			18-19
1952	26.630			16	0															0					19-20
2050	26.660			16	0															0					20-21
2152	26.660			15	0															0	1	.050			21-22
2252	26.675			16	0															0					22-23
2352	26.695			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 0349		0	0		78	70										
	0349	1	0	0	0	79	70		0								
	0748	2	0	0	0	85	67		0								
	1548	3	0	0	0	93	85		0								
	2148	4	0	0	0	92	73		0								
	MID.		0	0	0	74	69										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	[illegible]	26.610	26.660
BAROGRAPH 64	26.560	26.650	26.615	26.660
BAR. CORR. 65	+.005	±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 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
93	67	0	0	0	28	SW	1203					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-MIN. TL WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK - CLOCK AT: 0600 P ± 0 Sec./ 2144 P ± 0 Sec./ ± Sec.

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 19 1986

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's-Nil) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hundreds) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (13b)
SA	0052	CLR	20			161	67	20	06	07		012	214	WRG
SA	0152	CLR	20			159	66	20	11	04		012		WRG
SA	0250	CLR	20			160	64	19	00	00		012		WRG
SA	0352	CLR	20			170	61	20	05	04		014	307 61 RAHAF 20152	SH
SA	0450	CLR	20			177	62	20	11	06		016		SH
SA	0554	CLR	20			181	69	22	11	04		018		SH
SA	0652	CLR	20			183	74	25	00	00		019	115	SH
SA	0755	CLR	20			185	82	34	31	02		020		SH
SA	0853	CLR	20			182	88	40	29	06		019	FEW AC SE	SH
SA	0953	CLR	20			181	91	43	19	03		019	FEW AC SE / 000 1070 60	SH
SA	1052	CLR	20			176	92	43	22	11		017	FEW AC SE	SH
SA	1152	CLR	20			172	94	46	20	06		016		SH
SA	1251	CLR	20			164	96	47	29	09		014	715	SH
SA	1351	CLR	20			157	97	48	22	12		012		SH
SA	1447	CLR	20			151	97	48	26	03		010		SH
SA	1554	CLR	20			145	97	48	24	10	G18	007	720 98 RADDT 20153	WRG
SA	1652	CLR	20			137	96	47	27	10		005		WRG
SA	1752	CLR	20			135	95	44	24	10		005		WRG
SA	1852	CLR	20			133	91	42	25	08		005	607	WRG
SA	1952	CLR	20			138	83	34	33	06		006		WRG
SA	2050	CLR	20			139	78	29	03	07		007		WRG
SA	2152	CLR	20			139	75	27	03	06		007	107 98	WRG
SA	2252	CLR	20			140	75	28	09	07		007		WRG
SA	2352	CLR	20			141	75	28	00	00		007		WRG

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

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

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/5065

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 19 1986

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	26.700			16	0															0	2	.040			00-01
01 52	26.700			17	0															0					01-02
02 50	26.700			18	0															0					02-03
03 52	26.720			20	0															0	3	.020			03-04
04 50	26.740			20	0															0					04-05
05 54	26.755			17	0															0					05-06
06 52	26.765			16	0															0	1	.045			06-07
07 55	26.775			18	0															0					07-08
08 53	26.770			19	0															0					08-09
09 53	26.765			19	0	0	AC	140												0	0	.000			09-10
10 52	26.750			18	0															0					10-11
11 52	26.740			19	0															0					11-12
12 51	26.720			19	0															0	7	.045			12-13
13 51	26.700			19	0															0					13-14
14 47	26.680			20	0															0					14-15
15 52	26.660			19	0															0	7	.060			15-16
16 52	26.640			19	0															0					16-17
17 52	26.640			18	0															0					17-18
18 52	26.640			18	0															0	6	.020			18-19
19 52	26.650			17	0															0					19-20
20 50	26.660			17	0															0					20-21
21 52	26.660			17	0															0	1	.020			21-22
22 52	26.660			17	0															0					22-23
23 52	26.660			17	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	70	61	X	X						X		
	0350	1	0	0	0	74	61		0								
	0949	2	0	0	0	91	60		0								
	1546	3	0	0	0	98	91		0								
	2448	4	0	0	0	98	75		0								
	MID.	X	0	0	0	76	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	[illegible]	[illegible]	26.660	26.660
BAROGRAPH 64	26.710	26.700	26.665	26.660
BAR. CORR. 65	+.010	+.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'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	60	0	0	0	20	W	1509					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 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 AT: 0757P ±0 Sec./ 1947P ±0 Sec./ ± Sec.

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 20 1986

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. SERVER'S INITIALS (15)
SA	0052	CLR	20			141	73	27	00	00		007	400 1005	YPG
SA	0152	250 -SCT	20			138	67	24	00	00		006		YPG
SA	0250	250 -SCT	20			132	70	25	00	00		005		YPG
SA	0358	250 -SCT	20			144	68	25	11	05		008	500 1008 67 RADAT 20148	RD
SA	0456	250 -SCT	20			142	69	26	11	06		008	FEW AC	RD
SA	0556	E70 BKN 250 BKN	20			146	72	27	11	03		009		RD
SA	0655	70 SCT E250 BKN	20			146	76	29	00	00		009	TCU S / 105 1408 2	RD
SA	0752	70 SCT E250 BKN	20			143	83	32	17	03		008	TCU NW	RD
SA	0852	70 SCT E250 BKN	20			138	90	38	24	06		007		RD
SA	0955	70 SCT E250 BKN	20			136	92	38	21	03		007	TCU NE/708 1408 67 2	RD
SA	1052	70 SCT E250 BKN	20			129	94	40	19	06		005		RD
SA	1150	E70 BKN 250 BKN	20			123	95	41	22	12		003	KWU SE	RD
SP	1216	E70 BKN 250 BKN	20		TRW-				17	09		004	TB14RB14 TOVHD MOVG N	RD
SA	1256	E70 BKN	20		TRW-	135	83	51	10	12		005	TRB14 T N MOVG N	RD
—			—			—						—	50501 1900	—
SP	1340	E70 BKN	20				~~85~~	~~48~~	10	18	G31	004	RE13TE38 CB N MOVG N	RD
SA	1357	E70 BKN	20			139	84	50	10	22	G34	005	RE13TE38 CB N MOVG NW	RD
SA	1452	E70 BKN 250 BKN	20			130	85	51	11	17	G28	003	RB03E10	RD
SA	1555	E140 BKN 250 OVC	20			110	90	45	11	14	G19	998	B2201 1263 97	MR
/												/	RADAT 58147	/
SA	1652	140 SCT E250 OVC	20			106	90	43	10	10		997	TCU SW	MR
SA	1751	E250 OVC	20			103	90	40	11	02		996	FEW AC	MR
SA	1858	E250 OVC	20			102	84	48	12	07		995	607 1077	MR
SA	1951	E250 OVC	20			099	82	49	13	13		995	FEW AC	MR
SA	2054	E250 OVC	20			101	83	45	12	13		997	FEW AC	MR
SA	2157	170 SCT E250 OVC	20			101	81	47	12	06		997	105 1057 97	MR
SA	2253	170 SCT 250 - OVC	20			105	79	45	15	04		998		MR
SA	2354	E170 BKN 250 OVC	20			110	76	46	02	03		999		MR

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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 20 1986

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	26.660			18	0	0	CI	250												0	4	.000			00-01
01 52	26.650			20	2															1					01-02
02 50	26.640			18	3															1					02-03
03 58	26.660			18	4	4	CS	250												2	5	000			03-04
04 56	26660			20	4															2					04-05
05 56	26675			20	8															7					05-06
06 55	26675			18	8	4	Cu	70	4	CS	E250	8								6	1	.015			06-07
07 52	26665			17	8															6					07-08
08 52	26.655			16	8															5					08-09
09 55	26650			15	8	3	Cu	70	5	CS	E250	8								5	7	.025			09-10
10 52	26.635			16	8															5					10-11
11 50	26,620			16	8															8					11-12
12 56	26635			33	8	8	CB	E70												8	5	.015			12-13
13 57	26640			31	8															8					13-14
14 52	26620			31	8															8					14-15
15 55	26.570			21	10	0	Cu	70	7	Ac	E140	7	3	CI	250	10				9	8	.065			15-16
16 52	26.560			20	10															9					16-17
17 51	26.555			17	10															8					17-18
18 58	26.550			29	10	0	Ac	140	10	CS	E250	10								8	6	.020			18-19
19 51	26.550			33	10															8					19-20
20 54	26.565			27	10															7					20-21
21 57	26.565			31	10	2	Ac	170	10	CS	E250	10								8	1	.015			21-22
22 53	26.575			31	10															4					22-23
23 54	26.585			35	10															8					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	76	67	X	X						X		
	0355	1	0	0	0	76	67		0								
	0450	2	0	0	0	92	67		0								
	1550	3	.01	0	0	87	80		1								
	2152	4	0	0	0	91	80		0								
	MID.	X	0	0	0	81	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0454	1554	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.665	26.650	26.570	26.565
BAROGRAPH 64	26.655	26.660	26.580	26.560
BAR. CORR. 65	+.010	-.010	-.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	67	.01	0	0	35	E	1344					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1214	1338			
RW-	1214	1313			
RW-	1403	1410			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0441 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 AT: 0658 ± 0 Sec./ 2056P ± 0 Sec./ ± Sec.

1357/1357 0655 AND 0955 CLOUD CD GP 1208/0900 7-29

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: JUL 21 1986

TO CONVERT LST TO GMT ADD: 21 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's of °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (15)
SA	0051	E140 BKN 180 OVC	20			112	75	46	30	05		998	003 1051/	MR
SA	0153	E120 BKN 170 OVC	20			115	74	46	01	07		000		MR
SA	0253	E120 BKN 170 OVC	20			110	78	47	18	02		998		MR
SA	0354	E120 BKN 170 OVC	20			103	77	48	10	08		997	803 105/ 74 20001	RD
~~SA~~	~~0445~~	~~E120 BKN 200 BKN~~	~~20~~				~~74~~	~~46~~				—	RAVAT 05122	—
SA	0457	E120 BKN 200 BKN	20			109	74	49	35	03		998		RD
SA	0556	120 SCT E200 BKN	20			114	77	48	03	03		000		RD
SA	0657	120 SCT 140 SCT E200 BKN	20			116	80	47	00	00		000	210 1093	RD
SA	0755	120 SCT 140 SCT E200 BKN	20			114	83	49	33	03		000		RD
SA	0851	120 SCT E200 BKN	20			111	86	51	10	16		999	FEW CU S	RD
SA	0952	120 SCT E200 BKN	20			109	86	50	13	06		998	CU S/707 1158 74	RD
SA	1054	80 SCT 120 SCT E200 BKN	20			104	88	47	13	08		997		RD
SA	1154	80 SCT 120 SCT E200 BKN	20			096	88	48	20	04		996		RD
SA	1253	E80 BKN 120 BKN 200 BKN	20			105	86	50	11	15		996	VIRGA W NW/608 1258	RD
SA	1351	E80 BKN 120 BKN 200 BKN	20			091	88	50	10	18		993	CB W-N MOVG N RWU NW	RD
SA	1454	80 SCT 120 SCT E200 BKN	20			083	90	49	16	08		991	CB NW MOVG NW	RD
SA	1557	E80 BKN 120 BKN 200 OVC	20			088	84	52	31	20	G28	992	CB NW MOVG NE 514	MR
													1962 91 RAVAT 71131	
SA	1655	80 SCT 120 SCT E250 OVC	20			092	83	51	30	15		992	CB NE-E MOVG NE	MR
RS	1751	80 SCT E140 BKN 250 OVC	20		T	095	80	51	29	06		993	TB47 E MOVG NW	MR
SP	1817	80 SCT E140 BKN 250 OVC	20						14	04		994	TE15 MOVD W RWU S-SW	MR
SA	1855	E90 BKN 140 BKN 250 OVC	20			103	78	51	30	06		996	VIRGA S NW-N *312	MR
													1058 *TE15 MOVD W	
SP	1924	E80 BKN 140 OVC	20		TRW-				36	14	G20	999	TB22 NE MOVG W RB14	MR
													OCNL LTGIC NE VSBY LWR NE	
SA	1952	E80 BKN 140 OVC	7		TRW-	129	67	63	02	13		002	TB22 NE LTL MOVMT RB14	MR
													OCNL LTGIC NE PRESRR	
SP	2021	E80 OVC	7		RW-				04	11		004	TE20 CB SE DSPTG	MR
SA	2053	E80 BKN 140 OVC	7		R-	127	67	63	24	09		002	TE20 DSPTD	MR
SA	2154	90 SCT E160 OVC	20			124	67	63	11	02		001	RE22 BINOVC SE 01718	MR
													107/ 91	
SA	2253	100 SCT E160 OVC	20			113	67	64	27	04		998		MR
SA	2352	100 SCT E160 OVC	20			111	67	63	00	00		998		MR

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$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 21 1986

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 54	26.575			36	10	7	Ac	E140	3	Ac	180	10								9	0	.010		00-01
01 53	26.590			31	10															9				01-02
02 55	26.575			34	10															10				02-03
03 57	26.565			36	10	6	Ac	E120	4	Ac	170	10								9	8	.010		03-04
04 57	26.595			40	8															7				04-05
05 56	26.590			36	8															6				05-06
06 57	26.595			32	8	2	Ac	120	2	As	140	4	4	Cs	E200	8				6	2	.030		06-07
07 55	26.590			31	8															8				07-08
08 51	26.585			30	8															7				08-09
09 52	26.595			29	8	0	Cu	80	3	Ac	120	3	5	Cs	E200	8				7	7	.020		09-10
10 54	26.565			26	9															7				10-11
11 54	26.550			25	9															9				11-12
12 53	26.555			29	9	6	Cu	580	1	Ac	120	7	2	Cs	200	9				9	6	.020		12-13
13 51	26.530			28	8															6				13-14
14 54	26.510			25	7															6				14-15
15 57	26.515			33	10	7	CB	E80	2	Ac	120	9	1	Ci	200	10				9	5	.040		15-16
16 55	26.520			34	10															6				16-17
17 51	26.53[illegible]			37	10															9				17-18
18 55	[illegible]			39	10	1	Ac	E40	2	Ac	140	9	1	Cs	200	10				9	3	.035		18-19
19 52	26.610			86	10															10				19-20
20 53	26.610			88	10															10				20-21
21 54	26.600			85	10	4	Ac	90	6	Ac	E160	10								10	0	.050		21-22
22 53	26.575			90	10															9				22-23
23 52	26.570			89	10															8				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 0332	X	0	0	X	80	74	X	X						X		
	0332	1	0	0	0	81	74		0								
	0947	2	0	0	0	86	74		0								
	1553	3	0	0	0	91	84		0								
	2150	4	.18	0	0	84	66		2								
	MID.	X	0	0	0	68	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0951	1556	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.575	26.515	26.600
BAROGRAPH 64	26.560	26.571	26.515	26.595
BAR. CORR. 65	+.005	0	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 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
91	66	.18	0	0	28	NW	1553					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1747	1815			
RW-	1914	1931			
T	1922	2020			
RW	1931	1944			
RW-	1944	2030			
R-	2030	2122			

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 AT: 0605 ± 0 Sec./ 1918 ⊕ 1 Sec./ ± Sec.

Changed Micro barograph at 0852 LST

1253/app 607/1457 0457/0457

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], DESERT ROCK NEVADA

DATE: JUL 22 1986

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 (Tens of Degrees) (9)	WIND SPEED (Knots) (10)	WIND GUSTS (Knots) (11)	ALTIMETER SETTING (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVATIONS (15)
SA	0054	120 SCT E160 OVC	20			111	67	65	08	03		998	610 1071	MR
SA	0153	E110 BKN 160 OVC	20			112	66	64	34	03		998		MR
SA	0251	E90 BKN 130 OVC	20			111	66	64	24	03		998		MR
SA	0358	M80 BKN 120 OVC	20			117	66	63	36	03		999	303 155/ 66 20018	RD
													RADAT 98127	
SA	0456	M80 BKN 120 OVC	20			121	67	62	32	03		000	BINOVC NW	RD
SA	0552	E80 BKN 120 BKN	20			130	68	61	34	05		002		RD
SA	0652	E80 BKN 120 BKN	20			136	70	60	25	04		004	215 1550	RD
SA	0755	80 SCT E100 BKN 120 BKN	20			146	72	60	25	05		005		RD
SA	0852	80 SCT E100 BKN 120 OVC	20			145	75	60	24	10		005	BINOVC NE	RD
SA	0953	70 SCT E90 BKN 120 OVC	20		RW-	152	74	57	20	14		007	RB42 BINOVC E/31000	RD
													11701 66	
SA	1051	70 SCT E90 BKN 120 BKN	20			154	75	56	23	15		008	RE27 TCU N E	RD
SA	1150	70 SCT E90 BKN 120 BKN	20			157	73	58	23	09		009	RB35E47 TCU NW	RD
SA	1253	70 SCT E90 BKN 120 BKN	20			154	75	57	24	09		008	00200 1170	RD
SA	1351	70 SCT 90 SCT 120 SCT	20			144	81	56	26	13		006	TCU SE	RD
SA	1451	70 SCT 90 SCT 120 SCT	20			137	83	53	28	10		004		RD
SA	1557	70 SCT 130 SCT 250 SCT	20			126	84	52	12	06		001	CB DSNT SE 82000	MR
													13001 84 RADAT 73131	
SA	1653	70 SCT 130 SCT 250 SCT	20			120	83	53	17	09		999	CB DSNT SE	MR
SA	1752	70 SCT 130 SCT E250 BKN	20			125	83	52	19	09		001	CB DSNT SE	MR
SA	1856	250 - OVC	20			126	80	55	14	08		001	CB DSNT SE 500 19001	MR
SA	1954	250 - OVC	20			129	78	56	13	09		002	CB OCNL LTGIC DSNT SE	MR
SA	2052	150 SCT E250 OVC	20			135	77	56	14	06		004	OCNL LTG SE HRZN	MR
SA	2156	150 SCT E 200 BKN 250 OVC	20			142	77	54	19	09		006	CB OCNL LIGIC DSNT W	MR
													215 1971 85	
SA	2254	140 SCT E 200 OVC	20			150	75	57	22	21 G26		008		MR
SA	2353	130 SCT E 200 OVC	20			153	73	57	24	16		008		MR

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-704-006/6065

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 22 1986

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 54	26.570			93	10	1	Ac	120	10	Ac	E160	10								8	6	.030			00-01
01 53	26.570			94	10															10					01-02
02 51	26.570			96	10															10					02-03
03 58	26.580			90	10	8	Sc	M80	2	Ac	120	10								10	3	.010			03-04
04 56	26.590			85	10															9					04-05
05 52	26.610			79	9															9					05-06
06 52	26.625			71	9	6	Sc	E80	3	Ac	120	9								9	L	.045			06-07
07 55	26.640			66	9															9					07-08
08 52	26.640			60	10															9					08-09
09 53	26.655			56	10	2	Cu	70	5	Ac	E90	7	3	Ac	120	10				9	3	.030			09-10
10 51	26.660			52	9															9					10-11
11 50	26.670			60	9															9					11-12
12 53	26.660			57	8	1	Cu	70	6	Ac	E90	7	1	Ac	120	8				8	0	.005			12-13
13 51	26.645			43	5															5					13-14
14 51	26.630			36	5															5					14-15
15 57	26.600			34	5	0	CB	120	1	Cu	70	1	0	Ac	130	1	4	Ci	250	2	8	.060			15-16
16 53	26.585			35	4															3					16-17
17 52	26.600			35	6															5					17-18
18 56	26.600			42	10	0	CB	70	0	Ac	160	0	10	Ci	250	10				4	5	.000			18-19
19 54	26.610			48	10															5					19-20
20 52	26.630			49	10															7					20-21
21 56	26.645			45	10	0	CB	70	1	Ac	150	1	2	As	E200	9	1	Ci	250	10	2	.045			21-22
22 54	26.665			54	10															10					22-23
23 53	26.665			57	10															10					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 0379	X	0	0	X	67	66	X	X						X		
	0349	1	0	0	0	68	66		1								
	0448	2	T	0	0	75	66		0								
	1552	3	T	0	0	84	73		0								
	2150	4	0	0	0	85	76		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0952	1556	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.655	26.600	26.645
BAROGRAPH 64	26.570	26.650	26.600	26.630
BAR. CORR. 65	+.010	+.005	0	+.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
85	66	T	0	0	26	SW	2256					8	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0942	1027			
RW-	1135	1147			

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

TIME CHECK - CLOCK AT: 0616 ± 0 Sec./ 1759 ± 0 Sec./ ± Sec.

✓ LAST OF SEVERAL OCCURRENCES

0552/0552 0953/117/66/0800 7-31

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 23 1986

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)	CD. INITIALS (18)
SA	0057	120 SCT E170 OVC	20			154	72	58	26	07		009	108 1071	LVC
SA	0153	120 SCT E170 OVC	20			151	72	58	28	05		009		MR
SA	0253	120 SCT E170 OVC	20			150	71	59	05	04		009		LVC
SA	0355	100 SCT G180 BKN	20			151	69	60	27	04		008	400 1070 69 RADAT 71129	008
SA	0454	100 SCT G180 OVC	20			155	69	60	04	04		010	BINOVC	008
SA	0553	G120 BKN 180 BKN	20			162	70	59	29	04		012		008
SA	0630	E120 BKN 180 BKN	20			163	72	57	04	03		012	110 1070	008
SA	0756	120 SCT 180 SCT	20			169	77	56	30	04		014		008
SA	0850	100 SCT 180 SCT 250 SCT	20			168	80	54	25	10		014	TCU NE	008
SA	0950	80 SCT 150 SCT 200 SCT	20			167	82	51	24	09		014	TCU NE/107 1242 68.	008
SA	1056	80 SCT 150 SCT G 200 BKN	20			163	84	47	20	12	G20	013		008
SA	1159	80 SCT G150 BKN 200 BKN	20			160	86	49	21	13	G22	012	CB W MOVMT UNKN	008
SA	1254	80 SCT G100 BKN 150 BKN 200 BKN	20			153	86	49	20	14	G20	010	CB W STNRY/814 1462	008
SA	1314	80 SCT G100 BKN 150 BKN 200 BKN	20			144	85	48	24	12	G18	007	CB W & STNRY 100 A-405	008
SA	1440	80 SCT 100 SCT E150 BKN 200 BKN	20			137	89	47	25	11	G18	005	CB G STNRY	008
SA	1553	90 SCT 150 SCT 250 SCT	20			129	89	48	24	15		003	CB NW AND NE-SE/720	LVC
													1963 90 RADAT 69131	
SA	1653	90 SCT 150 SCT 250 SCT	20			126	89	48	23	15	G20	002	CB NE-SE	LVC
SP	1722	90 SCT 250 SCT	20		T				21	10		002	T NE B20 MOVG N	LVC
													OCNL LTGCG NE	
SA	1755	90 SCT 150 SCT E250 BKN	20		TRW-	130	87	49	23	14		003	T OVHD B20 MOVG N	LVC
													RB51	
SP	1835	15 SCT E25 BKN 90 OVC	2		TRW+				16	20	G38	008	T SW-NE MOVG NE	LVC
													OCNL LTGICCG PRESRR	
RS SA	1855	E30 BKN 90 OVC	5		TRW+A	150	69	64	E21	10	G18	007	T SW-NE MOVG NE	LVC
													OCNL LTGICCG ~~A~~ HAIL 1/4 ABSS	
													RE03B31 31030	
													1911 PK WND 1638/33	
SP	1905	E30 BKN 90 OVC	20		TRW-				34	05		008	T SW-NE MOVG NE	LVC
													OCNL LTGCG AE02 HLSTO	
SP	1946	15 SCT E30 OVC	3		TRW+A				06	11		007	T OVHD MOVG NE ~~A~~ 1/4	LVC
													AB45 OCNL LTGICG	
RS	1955	15 SCT E30 OVC	10		TRW-	155	68	57	32	06		008	T OVHD-NE MOVG NE AE03	LVC
													AB45E48 OCNL LTGICCG	
SP	2028	15 SCT 30 SCT E90 OVC	20						06	11		008	TE25 MOVD NE OCNL	LVC
													LTGICCCCG NW-NE	
SA	2052	30 SCT E90 OVC	20			156	70	62	24	04		010	TE25 MOVD NE RE05	LVC
													OCNL LTGIC W-N	
SP	2128	30 SCT E90 BKN 250 OVC	20		T				01	05		011	T NE B25 MOVG NE	LVC
													OCNL LTGICCG W-NE	
SA	2154	M75 BKN 250 OVC	20		T	157	73	56	09	10		011	T NW B25 MOVG NE	LVC
													OCNL LTGICCG/11425 OVE	
													1903 90	
SP	2237	M60 BKN 250 OVC	20						05	10		016	TE35 MOVD N OCNL	LVC
													LTGICCG NW-N PRESRR	
SA	2252	M75 BKN 250 OVC	20			177	69	59	03	14	G20	016	TE35 MOVD N OCNL LTGIC	LVC
													N RB08E27	
SA	2350	75 SCT E250 BKN	20			182	66	59	06	13	G23	017	OCNL LTGIC DSNT NE	LVC

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 Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-62) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 23 1986

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 57	26.670			62	10	3	Ac	120	7	Ac	E170	10								9	1	.025			00-01
01 53	26.670			61	10															9					01-02
02 53	26.670			68	10															9					02-03
03 55	26.670			73	9	3	AC	100	6	AC	6180	9								9	4	.000			03-04
04 54	26.680			73	10															10					04-05
05 53	26.700			68	8															8					05-06
06 60	26.700			59	8	7	AC	6120	1	AC	180	8								8	1	.030			06-07
07 56	26.720			49	5															5					07-08
08 50	26.720			41	5															4					08-09
09 50	26.720			34	4	1	cu	80	2	AC	150	3	1	ci	200	4				3	1	.020			09-10
10 56	26.710			30	6															5					10-11
11 57	26.700			28	9															8					11-12
12 54	26.680			28	9	1	CB	80	5	cu	6100	6	1	AC	150	7	2	ci	200	7	8	.040			12-13
13 54	26.660			25	8															7					13-14
14 50	26.640			24	8															6					14-15
15 53	26.620			26	5	3	CB	90	1	AC	150	4	1	ci	250	5				5	7	.060			15-16
16 53	26.610			26	5															5					16-17
17 55	26.620			27	8															8					17-18
18 55	26.650	69.4	65.7	83	10	6	SC	E30	4	CB	90	10								10	3	.030			18-19
19 55	26.670			68	10															10					19-20
20 52	26.680			76	10															10					20-21
21 54	26.690			55	10	7	CB	M75	3	ci	250	10								8	1	.040			21-22
22 50	26.740			71	10															9					22-23
23 50	26.750			78	7															6					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 0354		0	0		73	69										
	0354	1	0	0	0	77	69		0								
	0949	2	0	0	0	82	68		0								
	1548	3	0	0	0	90	82		0								
	2150	4	1.25	*T	0	89	66		2								
	MID.		.02	0	0	73	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0949	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.720	26.620	26.690
BAROGRAPH 64	26.665	26.710	26.615	26.675
BAR. CORR. 65	+.005	+.010	+.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	66	1.27	*T	0	38	S	1833					7	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1720	2025			
RW-	1751	1803			
RW-	1831	1833			
RW+	1833	1844			
RW-	1844	1853			
A	1855	1902			
RW+	1853	1902			
RW-	1902	1912			
RW+	1912	1918			
RW-	1918	1926			
RW+	1926	1950			
A	1945	1948			
RW-	1950	2005			
T	2125	2235			
RW-	2308	2327			

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

TIME CHECK-CLOCK AT: 0557P @ 0 Sec./ 1931P @ 1 Sec./ ± Sec.

1855/1855 1855P/HLSTO/2240 1946P/HLSTO/2240

*HAIL

POWER OUTAGE 1840P TO 1902P

POWER OUTAGE 1955P TO 2003P

NUMEROUS POWER SURGES 1800 - 2003

GUST RECORDER OUT 1930P

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 24 1986

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QC (Screen Hours) (15)
SA	0054	CLR	20			177	67	57	04	10		016	SC SE CI N/01702 1403	
SA	0150	CLR	20			176	67	57	06	07		016	FEW SC CI	
SA	0250	CLR	20			173	65	58	04	09		015	FEW SC	
SA	0351	60 SCT	20			169	65	57	04	10		014	~~007~~ 80707 1400 64 20127	
													RADAT 85126	
SA	0453	80 SCT 300 SCT	20			173	65	56	04	06		015		
SA	0553	80 SCT 300 SCT	20			177	66	57	36	04		016		
SA	0650	80 SCT 300 SCT	20			185	70	57	02	10		016	107 1202	
SA	0755	80 SCT 300 SCT	20			187	74	57	04	10		017		
SA	0854	80 SCT 300 SCT	20			180	78	55	02	05		016		
SA	0955	100 SCT 300 SCT	20			175	81	55	36	04		016	802 1206 64	
SA	1050	100 SCT E300 BKN	20			172	84	54	32	04		015		
SA	1151	100 SCT E300 BKN	20			162	87	54	06	07		012		
SA	1250	100 SCT E300 BKN	20			157	85	52	36	04		011	717 1206	
SA	1350	E100 BKN 300 BKN	20			150	87	50	36	07		008		
SA	1456	70 SCT E100 BKN 300 BKN	20			138	91	50	25	05		005	CB OVHD STNRY	
							~~92~~	~~8~~						
SA	1554	E70 BKN 300 BKN	20			135	90	50	23	14		004	CB NE-SE / 619 1903 92	
													RADAT 93133	
SA	1651	E70 BKN 300 BKN	20			130	91	49	24	10		003	CB NE-SE MOVE N	
SA	1750	70 SCT 300 SCT	20			130	89	46	23	10		003	CB NE-SE MOVE N	
SA	1855	70 SCT 300 SCT	20			134	85	51	17	06		004	CB NE-E / 500 1903	
SA	1955	CLR	20			138	81	47	18	03		005	FEW SC CI	
SA	2058	CLR	20			142	78	53	11	07		007		
SA	2155	CLR	20			142	75	52	06	03		007	107 1400 92	
SA	2257	CLR	20			144	76	50	00	00		008	DSNT LTNG NE	
SA	2354	CLR	20			145	71	55	02	06		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/5085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: JUL 24 1986

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 54	26.740			70	0	0	SC	75	0	CI	250	0								0	0	.050			00-01
01 50	26.740			70	0															0					01-02
02 50	26.730			78	0															0					02-03
03 55	26.720			75	1	1	SC	60												1	8	.020			03-04
04 53	26.730			73	2															2					04-05
05 53	26.740			73	3															2					05-06
06 50	26.740			64	4	2	CU	80	2	CI	300	4								3	1	.020			06-07
07 55	26.730			56	4															3					07-08
08 54	26.740			45	5															3					08-09
09 55	26.735			41	5	2	CU	100	3	CI	300	5								3	8	.005			09-10
10 50	26.730			36	6															4					10-11
11 51	26.700			33	7															5					11-12
12 50	26.685			32	8	5	CU	100	3	CI	5300	8								6	7	.050			12-13
13 50	26.670			28	9															8					13-14
14 56	26.640			25	9															8					14-15
15 54	26.630			26	7	7	CB	E70	1	CI	300	7								7	6	.055			15-16
16 51	26.620			24	6															6					16-17
17 50	26.620			23	5															5					17-18
18 55	26.630			31	2	1	CB	70	1	CI	300	2								2	5	.000			18-19
19 55	26.640			31	0															0					19-20
20 58	26.650			42	0															0					20-21
21 55	26.650			45	0	0	SC	70												0	1	.020			21-22
22 57	26.660			40	0															0					22-23
23 54	26.660			57	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 0354		0	0		69	64										
	0354	1	.02	0	0	73	64		1								
	0954	2	0	0	0	81	64		1								
	1550	3	0	0	0	92	81		0								
	2150	4	0	0	0	91	75		0								
	MID.		0	0	0	76	71										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.735	26.630	26.650
BAROGRAPH 64	26.710	26.730	26.615	26.645
BAR. CORR. 65	+.010	+.005	+.015	+.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 (Knots) 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
92	64	0	0	0	17	SW	1602					5	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 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 AT: 2809P @ 0 Sec./ 1900 @ 0 Sec./ ± Sec.

0355/1AP 80702/0921P

1554/1554

GUST RECORDER IN SERVICE 1103PST

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 25 1986

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 (100-360) (9)	WIND SPEED (Kts.) (10)	WIND MAGNETIC (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QC (Reviewed by) (13)
SA	0055	CLR	20			145	70	55	05	06		008	103	
SA	0152	CLR	20			146	71	52	07	05		008		
SA	0257	CLR	20			146	69	52	06	07		008		
SA	0355	CLR	20			146	68	51	06	05		006	803 67 RADAT 77129	008
SA	0451	CLR	20			147	64	55	09	04		007		008
SA	0556	CLR	20			150	68	51	10	03		009		008
SA	0657	CLR	20			155	73	50	14	04		011	314	008
SA	0756	CLR	20			149	79	40	25	04		010		008
SA	0857	CLR	20			148	83	39	27	05		009		008
SA	0953	CLR	20			147	84	39	27	07		008	607 1100 64	008
SA	1058	CLR	20			144	86	39	26	09		007	FEW CU AC SE	008
SA	1150	100 SCT 180 SCT	20			134	88	38	23	08		005		008
SA	1250	100 SCT 180 SCT	20			128	91	38	22	17	622	003	817 1140	008
SA	1350	120 SCT	20			120	91	39	23	11	622	001		008
SA	1455	CLR	20			118	91	38	18	15	621	999	CU NE-SE	
SA	1555	CLR	20			115	91	38	21	12	621	999	614 1100 93 RADAT 25139	
SA	1653	CLR	20			107	89	36	23	13	621	997		
SA	1753	CLR	20			105	88	34	19	11	622	997		
SA	1857	CLR	20			104	85	31	23	13	620	997	607 1001	
SA	1955	CLR	20			103	83	30	22	11		997		
SA	2051	CLR	20			111	80	28	25	05		999		
SA	2157	CLR	20			110	80	29	12	03		999	107 93	
SA	2255	CLR	20			110	77	31	12	07		999		
SA	2355	CLR	20			111	76	32	02	03		999		

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5oppp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 25 1986

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	26.660			59	0															0	1	.010			00-01
01 52	26.660			51	0															0					01-02
02 57	26.660			55	0															0					02-03
03 55	26.650			55	0															0	8	.010			03-04
04 51	26.660			73	0															0					04-05
05 56	26.675			55	0															0					05-06
06 57	26.690			50	0															0	3	.040			06-07
07 56	26.680			25	0															0					07-08
08 57	26.675			21	0															0					08-09
09 55	26.670			20	0	0	CU	100												0	6	.020			09-10
10 58	26.660			19	0															0					10-11
11 50	26.640			17	2															2					11-12
12 50	26.670			16	3	2	CU	100	1	AC	180	3								3	8	.050			12-13
13 50	26.600			16	2															2					13-14
14 55	26.590			16	0															0					14-15
15 53	26.580			16	0	0	CU	100												0	6	.040			15-16
16 55	26.560			15	0															0					16-17
17 53	26.560			15	0															0					17-18
18 57	26.560			14	0	0	CI	300												0	6	.020			18-19
19 53	26.560			15	0															0					19-20
20 57	26.580			15	0															0					20-21
21 57	26.580			16	0															0	1	.020			21-22
22 55	26.580			19	0															0					22-23
23 55	26.580			20	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 GROUND 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0354	X	0	0	X	72	67	X	X						X		
	0354	1	0	0	0	76	67		0								
	0954	2	0	0	0	84	64		0								
	1550	3	0	0	0	93	84		0								
	2152	4	0	0	0	91	77		0								
	MID.	X	0	0	0	80	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0314	0914	1535	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.670	26.580	26.580
BAROGRAPH 64	26.650	26.675	26.585	26.570
BAR. CORR. 65	±0	-.005	+.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 UNALTD (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
93	64	0	0	0	24	SW	1358					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 AT: 0355P ±1 Sec./ 1940 00 Sec./ ± Sec.

1000P - CHANGED BAROGRAM

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 26 1986

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. REMARKS (15)
SA	0056	CLR	20			107	72	35	05	03		998	803	
SA	0158	CLR	20			109	71	36	24	04		998		
SA	0252	CLR	20			105	70	35	03	05		997		
SA	0355	CLR	20			115	67	38	34	07		998	303 67 RADAT 20136	008
SA	0450	CLR	20			114	68	39	23	07		998		008
SA	0552	CLR	20			121	70	42	31	03		001		008
SA	0656	CLR	20			125	75	39	26	05		002	310	008
SA	0750	CLR	20			125	76	41	23	07		002		008
SA	0850	CLR	20			125	78	41	26	09		002		008
SA	0950	CLR	20			125	80	41	25	08		002	400 66	008
SA	1050	CLR	20			120	84	41	29	07		001		008
SA	1150	CLR	20			113	86	37	24	11 G19		998		008
SA	1257	CLR	20			105	84	39	25	12 G20		996	817	008
SA	1356	CLR	20			102	89	38	21	12		995		008
SA	1457	CLR	20			098	90	38	18	10		994	FEW 20 HW	008
SA	1553	CLR	20			092	89	36	19	05		992	814 1100 91 RADAT 20140	
SA	1651	CLR	20			092	89	38	24	13		992		
SA	1756	CLR	20			084	88	36	24	06		990		
SA	1851	CLR	20			087	85	37	19	06		991	503 1001	
SA	1957	CLR	20			092	81	37	17	05		992		
SA	2050	CLR	20			096	77	43	01	03		993		
SA	2157	CLR	20			096	75	42	07	04		993	107 91	
SA	2250	CLR	20			093	78	37	24	09		993		
SA	2355	CLR	20			095	72	41	03	07		993		

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-784-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: JUL 26 1986

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 56	26.570			26	0															0	8	.010			00-01
01 58	26.570			28	0															0					01-02
02 52	26.560			28	0															0					02-03
03 55	26.580			35	0															0	3	.010			03-04
04 50	26.580			35	0															0					04-05
05 52	26.600			36	0															0					05-06
06 56	26.610			27	0															0	3	.030			06-07
07 50	26.610			29	0															0					07-08
08 50	26.610			27	0															0					08-09
09 50	26.610			25	0															0	4	.000			09-10
10 50	26.600			22	0															0					10-11
11 50	26.580			19	0															0					11-12
12 57	26.560			17	0															0	8	.050			12-13
13 56	26.550			17	0															0					13-14
14 57	26.540			16	0															0					14-15
15 53	26.520			15	0	0	CU	90												0	8	.040			15-16
16 51	26.520			17	0															0					16-17
17 56	26.500			16	0															0					17-18
18 51	26.510			18	0	0	CI	300												0	5	.010			18-19
19 57	26.520			21	0															0					19-20
20 50	26.530			30	0															0					20-21
21 57	26.530			31	0															0	1	.020			21-22
22 50	26.530			23	0															0					22-23
23 55	26.530			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 0354	X	0	0	X	76	67	X	X						X		
	0354	1	0	0	0	80	67		0								
	0949	2	0	0	0	80	66		0								
	1548	3	0	0	0	91	80		0								
	2152	4	0	0	0	90	73		0								
	MID.	X	0	0	0	79	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0949	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.610	26.520	26.530
BAROGRAPH 64	26.570	26.605	26.515	26.510
BAR. CORR. 65	1.010	1.005	1.005	1.020

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
91	66	0	0	0	15	SW	1703					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 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0448P ⊕ 0 Sec./ 1855 ⊕ 0 Sec./ ± Sec.

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 JUL 27 1986

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 (9a)	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 (14)
SA	0050	CLR	20			095	70	42	02	06		993	400	[illegible]
SA	0157	CLR	20			096	68	44	36	06		993		[illegible]
SA	0257	CLR	20			099	68	43	02	07		994		[illegible]
SA	0356	CLR	20			102	67	42	04	07		995	305 66 RADAT 20140	EP
SA	0450	CLR	20			108	65	41	05	07		996		EP
SA	0550	CLR	20			109	70	41	00	00		997		EP
SA	0652	CLR	20			113	74	39	00	00		998	212	EP
SA	0750	CLR	20			116	80	37	36	04		999		EP
SA	0850	CLR	20			119	82	37	27	05		000		EP
SA	0951	CLR	20			116	84	39	00	00		999	003 64	EP
SA	1050	CLR	20			112	87	39	24	08		999		EP
SA	1150	CLR	20			112	89	40	29	05		998		EP
SA	1250	CLR	20			105	92	42	32	05		996	810 1001	EP
SA	1353	CLR	20			097	93	42	21	15		994		EP
SA	1450	CLR	20			093	93	43	23	15		993		EP
SA	1555	CLR	20			087	93	41	22	17	G24	991	717 1002 94 RADAT 20153	SEA
SA	1655	250-SCT	20			085	91	40	22	14	G22	990		SEA
SA	1749	250-SCT	20			087	90	38	22	18	G24	991		SEA
SA	1850	250-SCT	20			090	87	36	23	12		992	303 1001	SEA
SA	1951	250-SCT	20			096	84	33	23	09		994		SEA
SA	2054	CLR	20			103	80	31	21	03		996	FEW Cl NW-N	SEA
SA	2152	CLR	20			102	84	32	17	07	G18	997	FEW Cl W/ 114 1001 94	SEA
SA	2258	CLR	20			105	75	29	10	05		997	FEW Cl	SEA
SA	2358	250-SCT	20			104	75	28	08	03		997		SEA

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 27 1986

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			36	0															0	4	.000			00-01
01 57	26.530			42	0															0					01-02
02 57	26.540			40	0															0					02-03
03 56	26.545			40	0															0	3	.015			03-04
04 50	26.560			41	0															0					04-05
05 50	26.565			35	0															0					05-06
06 52	26.580			28	0															0	2	.035			06-07
07 50	26.590			21	0															0					07-08
08 50	26.595			20	0															0					08-09
09 51	26.590			20	0															0	0	.010			09-10
10 50	26.585			18	0															0					10-11
11 50	26.580			18	0															0					11-12
12 50	26.560			18	0	0	CI	250												0	8	.030			12-13
13 53	26.540			17	0															0					13-14
14 50	26.530			18	0															0					14-15
15 55	26.510			17	0	0	CI	250												0	7	.050			15-16
16 55	26.500			17	1															0					16-17
17 49	26.510			17	1															0					17-18
18 50	26.520			16	1	1	CI	250												0	3	.010			18-19
19 51	26.540			16	1															0					19-20
20 54	26.555			17	0															0					20-21
21 52	26.560			16	0	0	CI	250												0	1	.040			21-22
22 58	26.560			18	0															0					22-23
23 58	26.560			18	2															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 0352	X	0	0	X	74	66	X	X						X		
	1332	1	0	0	0	79	66		0								
	0947	2	0	0	0	84	64		0								
	1549	3	0	0	0	94	84		0								
	2149	4	0	0	0	93	78		0								
	MID.	X	0	0	0	84	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0948	1555	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.590	26.510	26.560
BAROGRAPH 64	26.525	26.580	26.505	26.540
BAR. CORR. 65	+.020	+.010	+.005	+.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	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
94	64	0	0	0	25	SW	1622					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 AT: 0950 ± 0 Sec. / 1551PST ± 0 Sec. / 2153PST ± 0 Sec.

1951 / 1851 (TIME)

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: JUL 28 1986

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 GUSTS (Kts.) (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVATION (15)
SA	0052	250-SCT	20			105	71	32	00	00		997	302 1001	SEA
SA	0152	250 SCT	20			110	67	37	04	07		998		SEA
SA	0251	250 SCT	20			110	66	37	09	03		998		SEA
SA	0354	CLR	20			110	65	36	00	00		998	102 64 RADAT 20143	EP
SA	0452	CLR	20			119	65	34	00	00		999		EP
SA	0551	CLR	20			124	67	34	00	00		001		EP
SA	0651	CLR	20			127	74	36	05	03		003	117	EP
SA	0753	CLR	20			129	81	34	00	00		004		EP
SA	0850	CLR	20			129	85	37	23	17		004		EP
SA	0952	CLR	20			131	87	40	22	17	G23	004	205 61	EP
SA	1051	CLR	20			128	89	41	21	14	G23	003		EP
SA	1155	CLR	20			122	91	43	22	15	G22	002		EP
SA	1255	CLR	20			118	93	45	18	16	G24	001	612	EP
SA	1358	CLR	20			116	94	46	20	16	G24	999		EP
SA	1450	CLR	20			113	94	46	18	13	G24	998		EP
SA	1556	CLR	20			110	94	45	23	13	G21	998	FEW CI/ 710 1002 95 RADAT 20155	SEA
SA	1653	CLR	20			110	93	44	19	18	G20	998	FEW CI	SEA
SA	1755	CLR	20			114	91	41	19	14		999	FEW CI	SEA
SA	1855	CLR	20			117	88	39	18	14	G23	000	ACSL SE FEW CI/ 307 1042	SEA
SA	1951	CLR	20			118	85	36	18	09		001	FEW AC/CI	SEA
SA	2053	CLR	20			117	84	36	19	08		001	ACSL/CCSL SE	SEA
SA	2152	CLR	20			121	80	32	28	03		002	ACSL SE / 207 1040 95	SEA
SA	2254	CLR	20			126	76	29	22	05		003	CI SE	SEA
SA	2352	CLR	20			128	70	33	04	06		003	FEW CI	SEA

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

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

SUPERSEDES MF 1-10 A (1-62) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 28 1986

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	26.565			24	1	1	CI	250												0	3	.005			00-01
01 52	26.570			33	1															1					01-02
02 51	26.570			35	1															1					02-03
03 54	26.570			34	0															0	1	.005			03-04
04 52	26.590			32	0															0					04-05
05 51	26.605			27	0															0					05-06
06 51	26.620			25	0															0	1	.050			06-07
07 53	26.630			18	0															0					07-08
08 50	26.630			18	0															0					08-09
09 52	26.635			19	0															0	2	.015			09-10
10 51	26.625			19	0															0					10-11
11 55	26.610			19	0															0					11-12
12 55	26.600			19	0															0	6	.035			12-13
13 58	26.590			19	0															0					13-14
14 50	26.580			19	0															0					14-15
15 56	26.570			19	0	0	CI	250												0	7	.030			15-16
16 53	26.570			19	0															0					16-17
17 55	26.580			18	0															0					17-18
18 55	26.590			18	0	0	AC	120	0	ACSL	160	0	0	CI	250	0				0	3	.020			18-19
19 51	26.600			18	0															0					19-20
20 53	26.600			18	0															0					20-21
21 52	26.610			17	0	0	ACSL	160												0	2	.020			21-22
22 54	26.620			18	0															0					22-23
23 52	26.620			24	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		76	64										
	0350	1	0	0	0	84	64		0								
	0949	2	0	0	0	87	61		0								
	1553	3	0	0	0	95	87		0								
	2150	4	0	0	0	95	80		0								
	MID.		0	0	0	81	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1556	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.635	26.570	26.610
BAROGRAPH 64	26.560	26.625	26.560	26.580
BAR. CORR. 65	+.010	+.010	+.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 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
95	61	0	0	0	26	S	1707✓					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 89

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 AT: 0930 ± 0 Sec./ 1552 MST ± 1 Sec./ 2154 MST ± 0 Sec.

✓ LAST OF SEVERAL OCCURRANCES

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 29 1986

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 (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	0054	CLR	20			126	73	29	00	00		003	FEW CI/103 100)	SEA
SA	0154	CLR	20			124	75	28	30	04		003	CI SE	SEA
SA	0250	CLR	20			125	73	26	25	08		003	CI SE	SEA
SA	0355	CLR	20			129	74	27	21	05		004	303*RADAT 20151 *69	EP
SA	0455	CLR	20			140	66	31	04	08		006		EP
SA	0551	CLR	20			147	71	31	04	07		008		EP
SA	0653	CLR	20			152	79	32	32	04		011	220	EP
SA	0752	CLR	20			153	81	34	23	04		011		EP
SA	0854	CLR	20			156	82	33	24	10		012		EP
SA	0952	CLR	20			157	84	33	26	10		012	103 65	EP
SA	1053	CLR	20			154	87	35	23	05		011		EP
SA	1150	CLR	20			148	90	37	22	06		008		EP
SA	1254	CLR	20			137	93	40	25	12	G18	006	817	EP
SA	1354	CLR	20			132	94	41	24	07		005		EP
SA	1450	CLR	20			129	94	42	25	08		004		EP
SA	1554	CLR	20			121	94	41	26	08	G18	002	714 95 RADAT 20154	SEA
SA	1653	CLR	20			123	94	41	26	04	G16	002		SEA
SA	1753	CLR	20			119	92	40	25	07		001	CI DSNT NW	SEA
SA	1850	CLR	20			121	89	36	23	06		002	CI DSNT W-NW/ 500 1001	SEA
SA	1955	CLR	20			129	79	29	07	04		003		SEA
SA	2056	CLR	20			131	80	28	09	03		004		SEA
SA	2154	CLR	20			130	81	28	00	00		004	107 95	SEA
SA	2253	CLR	20			133	72	30	01	04		004		SEA
SA	2354	CLR	20			130	71	29	06	04		004		SEA

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 5uppp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: JUL 29 1986

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 54	26.620			20	0	0	CI	250												0	1	.010			00-01
01 54	26.620			18	0															0					01-02
02 50	26.620			17	0															0					02-03
03 55	26.630			17	0															0	3	.010			03-04
04 55	26.650			27	0															0					04-05
05 51	26.670			23	0															0					05-06
06 53	26.690			18	0															0	2	.060			06-07
07 52	26.690			18	0															0					07-08
08 54	26.700			17	0															0					08-09
09 52	26.700			16	0															0	1	.010			09-10
10 53	26.690			16	0															0					10-11
11 50	26.670			16	0															0					11-12
12 54	26.650			16	0															0	8	.050			12-13
13 54	26.640			16	0															0					13-14
14 50	26.630			17	0															0					14-15
15 54	26.610			16	0															0	7	.040			15-16
16 53	26.605			16	0															0					16-17
17 53	26.600			16	0															0					17-18
18 50	26.610			16	0	0	CI	250												0	5	.000			18-19
19 55	26.620			16	0															0					19-20
20 56	26.630			15	0															0					20-21
21 54	26.630			14	0															0	1	.020			21-22
22 53	26.630			21	0															0					22-23
23 54	26.625			21	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 0351		0	0		76	69										
	0351	1	0	0	0	81	69		0								
	0949	2	0	0	0	84	65		0								
	1550	3	0	0	0	95	84		0								
	2151	4	0	0	0	95	78		0								
	MID.		0	0	0	82	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.700	26.610	26.630
BAROGRAPH 64	26.620	26.690	26.605	26.620
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 UNML TD (Ins.) 69	↓(N) 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 TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	65	0	0	0	22	SW	1419					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 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0845 ±1 Sec./ 1551 ±2 Sec./ 2152 P ±0 Sec.

0355/0900 MIN TEMP

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 30 1986

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 54	26.625			20	0															0	6	.005			00-01
01 57	26.620			27	0															0					01-02
02 50	26.620			24	0															0					02-03
03 55	26.630			23	0															0	3	.005			03-04
04 52	26.640			32	0															0					04-05
05 54	26.650			20	0															0					05-06
06 52	26.660			17	0															0	2	.030			06-07
07 51	26.660			16	0															0					07-08
08 52	26.655			19	0															0					08-09
09 53	26.655			20	0															0	6	.005			09-10
10 52	26.640			19	0															0					10-11
11 52	26.630			20	0															0					11-12
12 51	26.610			20	0															0	8	.045			12-13
13 52	26.590			21	0															0					13-14
14 50	26.575			20	0															0					14-15
15 56	26.555			19	0	0	CI	250												0	7	.055			15-16
16 54	26.540			19	0															0					16-17
17 49	26.535			19	0															0					17-18
18 55	26.540			19	0															0	5	.015			18-19
19 51	26.560			18	0															0					19-20
20 54	26.570			15	0															0					20-21
21 56	26.565			17	0															0	0	.025			21-22
22 52	26.570			17	0															0					22-23
23 56	26.570			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	MIN. TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	72	63	X	X						X		
	0351	1	0	0	0	82	63		0								
	0950	2	0	0	0	90	61		0								
	1552	3	0	0	0	99	90		0								
	2152	4	0	0	0	99	74		0								
	MID.	X	0	0	0	74	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1556	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.655	26.555	26.565
BAROGRAPH 64	26.620	26.655	26.540	26.550
BAR. CORR. 65	+.010	0	+.015	+.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	AIR 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	61	0	0	0	18	W	1503					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 0448 SUNSET 1853

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 AT: 0905 ±2 Sec./1551 PST ±1 Sec./2153 PST ±1 Sec.

0953/2258

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 30 1986

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 GUSTS (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEA (15)
SA	0054	CLR	20			128	70	27	11	04		004	602	SEA
SA	0157	CLR	20			129	66	31	00	00		003		SEA
SA	0250	CLR	20			129	66	28	00	00		003		SEA
SA	0355	CLR	20			132	65	26	09	06		004	302 63 RADAT 20160	EP
SA	0452	CLR	20			134	62	32	00	00		005		EP
SA	0554	CLR	20			140	68	25	11	05		006		EP
SA	0652	CLR	20			143	74	26	17	05		007	210	EP
SA	0751	CLR	20			144	80	30	00	00		007		EP
SA	0852	CLR	20			138	87	40	31	04		007		EP
SA	0953	CLR	20			136	90	43	26	03		007	~~102~~* 61 *602	EP
SA	1052	CLR	20			133	93	44	23	10		005		EP
SA	1152	CLR	20			130	95	47	25	05		004		EP
SA	1251	CLR	20			122	96	48	22	06		002	815	EP
SA	1352	CLR	20			115	98	51	17	05		999		EP
SA	1450	CLR	20			110	98	50	25	07		998		EP
SA	1556	CLR	20			102	98	49	27	09	516	996	FEW CI DSNT SE/ 719 1001	SEA
/	/											/	99 RADAT 20162	/
SA	1654	CLR	20			099	98	48	23	09		994		SEA
SA	1749	CLR	20			094	96	46	23	10		994		SEA
SA	1855	CLR	20			096	89	41	30	06		994	505	SEA
SA	1951	CLR	20			105	81	33	01	04		997		SEA
SA	2054	CLR	20			108	76	25	04	06		998		SEA
SA	2156	CLR	20			105	74	27	03	05		997	008 99	SEA
SA	2252	CLR	20			107	72	25	07	04		998		SEA
SA	2356	CLR	20			107	70	18	09	06		998		SEA

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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

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 31 1986**

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	0054	CLR	20			105	69	24	02	06		997	000	SEA
SA	0156	CLR	20			103	68	21	11	04		997		SEA
SA	0254	CLR	20			104	65	26	10	04		997		SEA
SA	0352	CLR	20			103	64	23	14	04		996	603 63 RADAT 20159	HS
SA	0451	CLR	20			108	64	19	11	06		998		HS
SA	0551	CLR	20			115	70	20	11	03		000		HS
SA	0650	CLR	20			119	75	23	00	00		001	115	HS
SA	0751	CLR	20			119	82	30	00	00		001		HS
SA	0850	CLR	20			118	91	37	23	04		001		HS
SA	0953	CLR	20			117	94	39	24	06		001	400 63	HS
SA	1052	CLR	20			114	96	40	23	06		000		HS
SA	1151	CLR	20			110	98	42	19	07		999		HS
SA	1250	CLR	20			101	99	43	19	03		997	814	HS
SA	1350	CLR	20			098	100	44	00	00		996		HS
SA	1450	CLR	20			087	100	45	30	05		992		HS
SA	1552	CLR	20			084	102	46	28	08	G16	991	7 17 02 RADAT 20158	WRG
SA	1652	CLR	20			081	100	44	20	12		990		WRG
SA	1752	CLR	20			079	95	42	26	11		990		WRG
SA	1852	CLR	20			078	94	38	27	06		990	603	WRG
SA	1952	CLR	20			084	86	33	26	04		991		WRG
SA	2050	CLR	20			089	80	33	06	05		993		WRG
SA	2152	CLR	20			089	77	32	04	06		993	110 02	WRG
SA	2252	CLR	20			092	75	32	04	03		994		WRG
SA	2352	CLR	20			092	72	34	07	03		994		WRG

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

FM12-VII: 1liii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 31 1986

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 54	26.565			18	0															0	0	.000			00-01
01 56	26.560			17	0															0					01-02
02 54	26.560			22	0															0					02-03
03 52	26.555			21	0															0	6	.010			03-04
04 51	26.570			17	0															0					04-05
05 51	26.590			15	0															0					05-06
06 50	26.600			14	0															0	1	.045			06-07
07 51	26.600			15	0															0					07-08
08 50	26.600			15	0															0					08-09
09 53	26.600			15	0															0	4	.000			09-10
10 52	26.590			15	0															0					10-11
11 51	26.580			15	0															0					11-12
12 50	26.560			15	0															0	8	.040			12-13
13 50	26.550			15	0															0					13-14
14 50	26.520			15	0															0					14-15
15 52	26.510			15	0															0	7	.050			15-16
16 52	26.500			15	0															0					16-17
17 52	26.500			15	0															0					17-18
18 52	26.500			14	0															0	6	.010			18-19
19 52	26.510			15	0															0					19-20
20 50	26.530			18	0															0					20-21
21 52	26.530			20	0															0	1	.030			21-22
22 52	26.540			21	0															0					22-23
23 52	26.540			25	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 03.49	X	0	0	X	72	63	X	X						X		
	03 49	1	0	0	0	74	63		0								
	09 51	2	0	0	0	94	63		0								
	1548	3	0	0	0	102	94		0								
	2149	4	0	0	0	102	77		0								
	MID.	X	0	0	0	77	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.555	26.600	26.510	26.530
BAROGRAPH 64	26.540	26.585	26.505	26.510
BAR. CORR. 65	+.015	+.015	+.005	+.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
102	63	0	0	0	19	W	1556					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 0449 SUNSET 1852

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 AT: 0755P ±1 Sec./ 2345 ±1 Sec./ ± Sec.