WS FORM F-6
(9-76)

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

STATION: Desert Rock, Nevada

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

MONTH: June | YEAR: 1987

LATITUDE: 36° 37' N | LONGITUDE: 116° 01' W | GROUND ELEVATION (H): 3298 FT. | STANDARD TIME: Pacific

DAY (1)	TEMPERATURE °F: MAXIMUM (2)	MINIMUM (3)	AVERAGE (4)	DEPARTURE FROM NORMAL (5)	DEGREE DAYS (Base 65°): HEATING (6a)	COOLING (6b)	PRECIPITATION (In.): TOTAL (Water equivalent) (7)	SNOWFALL, ICE PELLETS (8)	SNOW, ICE PELLETS OR ICE ON GROUND AT ___ (9)	WIND: AVERAGE SPEED Knots (10)	FASTEST MILE: SPEED knots (11)	DIRECTION (12)	SUNSHINE: Ave. Stn. Pressure (13)	PERCENT OF POSSIBLE (14)	SKY COVER SUNRISE TO SUNSET (Tenths) (15)	WEATHER OCCURRENCES (16)	RH (%) 04 (17)	10 (18)	16 (19)	22 (20)
1	92	62	77			12				7.6	22	NE	26.60		0		32	14	15	27
2	93	67	80			15				9.5	21	NE	26.67		0		20	10	6	15
3	96	66	81			16				7.6	27	SE	26.66		1		14	12	8	21
4	97	63	80			15				8.5	28	S	26.61		8		28	10	8	16
5	90	69	80			15				8.1	24	SE	26.61		9		31	25	22	36
6	81	60	71			6	0.09			8.8	27	E	26.63		10	RW-, T	73	50	63	63
7	87	56	72			7				6.8	28	SE	26.59		4		87	45	29	45
8	87	61	74			9	T			7.8	34	E	26.57		6	RW-, T	70	27	31	35
9	90	61	76			11				7.0	20	SW	26.52		1		48	23	12	29
10	94	62	78			13				7.7	26	S	26.47		4		43	17	12	24
11	94	62	78			13				8.1	33	S	26.54		0		29	14	7	22
12	98	62	80			15				6.1	21	W	26.69		0		30	11	12	29
13	100	67	84			19				6.4	48	SE	26.64		4		38	14	12	23
14	100	70	85			20				9.4	32	SW	26.52		3		29	11	7	19
15	86	67	77			12				13.6	37	S	26.48		0		15	7	8	12
16	90	59	75			10				8.7	25	SW	26.52		0		22	16	6	11
17	91	62	77			12				10.9	33	SW	26.52		0		23	15	8	13
18	91	63	77			12				6.0	27	SW	26.56		0		25	18	9	19
19	94	61	78			13				7.9	26	SW	26.50		1		29	13	7	12
20	93	64	79			14				7.3	22	SW	26.43		0		19	16	8	14
21	95	62	79			14				9.5	28	SW	26.41		1		28	15	9	20
22	94	66	80			15				6.1	18	NE	26.52		7		24	16	7	12
23	97	61	79			14				5.2	19	E	26.54		5		21	9	9	17
24	100	65	83			18				5.7	14	SE	26.61		0		29	12	10	16
25	102	68	85			20				7.2	18	SW	26.61		7		25	10	10	13
26	100	74	87			22				7.3	33	SW	26.62		9		18	14	12	20
27	102	70	86			21				7.5	29	NE	26.59		1		31	15	11	20
28	101	72	87			22	0.11			7.6	32	E	26.52		8	RW-, T	32	16	28	23
29	99	66	83			18				6.3	20	NW	26.46		2		40	16	13	21
30	98	66	82			17				7.6	25	SW	26.49		0		28	11	7	10
31																				
SUM	2832	1934	—	—	0	440	0.20	0	—	233.8	—	—	799.66	—	91	—	981	502	406	657
AVG	94.4	64.5	—	—	—	—	—	—	—	7.8	FASTEST	DIRECTION		%		—	33	17	14	22
										MISC. →	48	SE	26.56		3.0	—				

TEMPERATURE DATA

AVERAGE MONTHLY 79.4
DEPARTURE FROM NORMAL 1.1
HIGHEST 102 ON 25, 27
LOWEST 56 ON 7

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 26
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 3034
DEPARTURE FROM NORMAL -19

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 440
DEPARTURE FROM NORMAL 32
SEASONAL TOTAL 637
DEPARTURE FROM NORMAL 55

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.20 IN.
DEPARTURE FROM NORMAL 0.16 IN.
GREATEST IN 24 HRS. 0.11 ON 28

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST IN 24 HRS. 0 ON –
GREATEST DEPTH ON GROUND 0 ON –

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 18
PARTLY CLOUDY (Scale 4–7) 7
CLOUDY (Scale 8–10) 5
WITH 0.01 INCH OR MORE PRECIP. 2
WITH 0.10 INCH OR MORE PRECIP. 1
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

F = fog
R = rain
RW = rain shower
S = snow
SW = snow shower
T = thunderstorm

MAXIMUM PRECIPITATION

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

HIGHEST Stn. 26.73 IN. ON 2
LOWEST Stn. 26.35 IN. ON 21

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: JUN 01 1987

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. (Mb.) (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)	OBS. METHOD (15)
SA	0053	CLR	20			096	67	38	02	08		993	110	EP
SA	0152	CLR	20			099	68	36	04	08		994		EP
SA	0250	CLR	20			107	67	36	00	00		996		EP
SA	0351	CLR	20			120	64	37	08	05		000	320 62 RADAT 20144	AS
SA	0450	CLR	20			127	67	30	04	09		002		AS
SA	0554	CLR	20			133	71	31	01	07		004		AS
SA	0655	CLR	20			137	73	31	05	16	G21	005	117	AS
SA	0751	CLR	20			141	75	32	04	15	G21	006		AS
SA	0858	CLR	20			139	80	31	02	12	G18	006		AS
SA	0950	CLR	20			138	82	28	34	10		006	103 62	AS
SA	1055	CLR	20			138	85	31	01	12		006		AS
SA	1158	CLR	20			133	87	34	35	07		004		AS
SA	1253	CLR	20			130	89	36	36	10		003	810	AS
SA	1351	CLR	20			122	90	37	35	08		001		AS
SA	1450	CLR	20			118	91	38	13	03		000	CU SE	AS
SA	1551	CLR	20			115	92	37	34	06		999	614 92 RADAT 20138	EP
SA	1651	CLR	20			110	91	37	03	04		997		EP
SA	1751	CLR	20			105	91	40	06	03		996		EP
SA	1852	CLR	20			107	91	40	05	04		997	503	EP
SA	1951	CLR	20			110	91	40	21	04		999		EP
SA	2051	CLR	20			123	74	36	05	06		001		EP
SA	2150	CLR	20			126	71	35	07	05		002	214 92	EP
SA	2250	CLR	20			129	72	32	05	08		003		EP
SA	2350	CLR	20			131	74	27	06	12		004		EP

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

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

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

U.S.GPO 1984 0-764-000/6065

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 01 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.530			35	0															0	1	.030			00-01
01 52	26.540			31	0															0					01-02
02 50	26.560			32	0															0					02-03
03 54	26.590			37	0															0	3	.060			03-04
04 50	26.610			25	0															0					04-05
05 54	26.630			23	0															0					05-06
06 55	26.640			21	0															0	1	.050			06-07
07 51	26.650			21	0															0					07-08
08 58	26.650			17	0															0					08-09
09 50	26.650			14	0															0	1	.010			09-10
10 55	26.650			14	0															0					10-11
11 58	26.630			15	0															0					11-12
12 53	26.620			15	0															0	8	.030			12-13
13 51	26.600			16	0															0					13-14
14 50	26.590			16	0															0					14-15
15 51	26.580			15	0															0	6	.040			15-16
16 51	26.570			15	0															0					16-17
17 51	26.560			17	0															0					17-18
18 52	26.570			17	0															0	5	.010			18-19
19 51	26.580			17	0															0					19-20
20 51	26.600	73.8	53.5	25	0															0					20-21
21 50	26.610	71.0	52.2	27	0															0	2	.040			21-22
22 50	26.620	71.6	51.5	23	0															0					22-23
23 50	26.630	73.9	51.0	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 0350	X	0	0	X	71	62	X	X						X		
	0350	1	0	0	0	79	62		0								
	0945	2	0	0	0	82	64		0								
	1548	3	0	0	0	92	82		0								
	2147	4	0	0	0	92	71		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.650	26.580	26.610
BAROGRAPH 64	26.580	26.650	26.590	26.620
BAR. CORR. 65	+.010	0*	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
92	62	0	0	0	22	NE	0701					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 0427 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 CORRECT TO NEAREST MINUTE AT: 10523 / 2200 /

*BAROGRAPH CHANGED - RESET TO ±.0 CORR

HYGROTHERMOMETER OUT - TEMPS DOUBTFULL AT 1751-1852-1951

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE JUN 02 1987 | TO CONVERT LST TO GMT ADD 8 hrs SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			134	74	27	05	15		005	210	EP
SA	0150	CLR	20			135	71	26	05	13		005		EP
SA	0251	CLR	20			138	71	25	06	14		006		EP
SA	0353	CLR	20			146	69	26	06	13		008	310 67 RADAT 39134	[illegible]
SA	0450	CLR	20			155	68	27	05	15		011		[illegible]
SA	0558	CLR	20			163	71	27	06	13		013		[illegible]
SA	0650	CLR	20			168	73	27	06	14		014	117	[illegible]
SA	0755	CLR	20			173	76	26	04	13		015		[illegible]
SA	0853	CLR	20			169	79	28	04	13		014		[illegible]
SA	0954	CLR	20			168	84	22	02	12		014	000 1001 67	[illegible]
SA	1050	CLR	20			167	87	20	02	09		014		[illegible]
SA	1151	CLR	20			157	89	21	01	12		012		[illegible]
SA	1253	CLR	20			152	91	21	07	12		011	810 1001	[illegible]
SA	1352	CLR	20			146	92	19	04	08		008		[illegible]
SA	1450	CLR	20			138	92	17	01	05		006		[illegible]
SA	1552	CLR	20			135	93	16	06	10		005	617 93 RADAT 20138	EP
SA	1650	CLR	20			132	92	15	04	06		004		EP
SA	1751	CLR	20			127	91	13	06	07		003		EP
SA	1851	CLR	20			133	84	20	07	08		004	503 1008	EP
SA	1950	CLR	20			138	78	22	00	00		005		EP
SA	2050	CLR	20			141	76	22	35	05		006		EP
SA	2151	CLR	20			145	73	23	00	00		007	210 93	EP
SA	2250	CLR	20			143	74	20	04	10		007		EP
SA	2352	CLR	20			140	70	26	00	00		006		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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_h C_L C_M C_H$ 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
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 02 1987

To convert LST to GMT ADD 7 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	HRL.
00 50	26.640	73.6	51.0	18	0															0	2	.030			00-01
01 50	26.640	71.4	49.8	18	0															0					01-02
02 51	26.650	71.0	49.4	18	0															0					02-03
03 53	26.670	69.0	48.8	20	0															0	3	.030			03-04
04 50	26.690	68.3	48.7	21	0															0					04-05
05 58	26.710	71.2	50.0	19	0															0					05-06
06 50	26.720	72.7	50.5	18	0															0	1	.050			06-07
07 55	26.730	75.9	51.7	16	0															0					07-08
08 53	26.720	79.0	53.3	15	0															0					08-09
09 54	26.720			10	0	0	CI	300												0	0	.000			09-10
10 50	26.720			9	0															0					10-11
11 51	26.700			8	0															0					11-12
12 53	26.690			8	0	0	CI	300												0	8	.030			12-13
13 52	26.670			7	0															0					13-14
14 50	26.650			6	0															0					14-15
15 52	26.640			6	0															0	6	.050			15-16
16 50	26.630			6	0															0					16-17
17 51	26.620			6	0															0					17-18
18 51	26.630			9	0	0	CS	300												0	5	.010			18-19
19 50	26.640			12	0															0					19-20
20 50	26.650			13	0															0					20-21
21 51	26.660			15	0															0	2	.030			21-22
22 50	26.660			13	0															0					22-23
23 52	26.650			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 0348		0	0		74	67										
	0348	1	0	0	0	74	67		0								
	0950	2	0	0	0	84	68		0								
	1549	3	0	0	0	93	84		0								
	2148	4	0	0	0	93	73		0								
	MID.		0	0	0	76	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.720	26.640	26.660
BAROGRAPH 64	26.670	26.720	26.630	26.660
BAR. CORR. 65	0	0	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	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
93	67	0	0	0	21	NE	0619					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 0427 SUNSET 1857

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10454 / 20331

HYGROTHERMOMETER OUT CONT - BACK IN SVC 0907

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: JUN 03 1987

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 (10's °) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (ALTER.) (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			140	68	26	12	05		006	603	EP
SA	0150	CLR	20			140	74	21	04	10		007		EP
SA	0252	CLR	20			141	71	23	12	07		007		EP
SA	0357	CLR	20			148	75	23	10	07		009	310 66 RADAT 20141	[illegible]
SA	0453	CLR	20			158	70	26	07	06		012	FEW CI	[illegible]
SA	0556	CLR	20			164	75	29	05	12		014		[illegible]
SA	0652	CLR	20			165	78	28	04	14		014	114	[illegible]
SA	0752	CLR	20			167	81	29	04	12		014		[illegible]
SA	0850	CLR	20			167	84	29	03	13		014		[illegible]
SA	0954	CLR	20			163	87	29	03	13		013	803 66	[illegible]
SA	1056	CLR	20			157	90	24	13	13	618	012		[illegible]
SA	1152	CLR	20			154	92	24	13	05		011		[illegible]
SA	1252	CLR	20			143	94	23	21	03		007	817 1101	[illegible]
SA	1353	CLR	20			132	94	23	21	08		005	FEW CU CI	[illegible]
SA	1453	300-SCT	20			125	95	24	17	08		003	FEW CU	[illegible]
SA	1553	300-SCT	20			118	95	24	19	06		002	617 1401 96 RADAT 36137	EP
SA	1650	300-SCT	20			118	94	22	16	03		001		EP
SA	1750	300-SCT	20			116	92	23	11	04		001		EP
SA	1851	300-SCT	20			117	87	28	19	04		001	603 1001	EP
SA	1950	300-SCT	20			127	80	32	10	05		003		EP
SA	2050	300-SCT	20			131	76	30	00	00		004		EP
SA	2151	300-SCT	20			131	74	32	09	07		004	110 1001 96	EP
SA	2250	300-SCT	20			133	68	31	04	05		004		EP
SA	2353	CLR	20			128	68	30	07	05		003		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 1-10A (1-82) WHICH MAY BE USED.

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 03 1987

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	26.650			21	0															0	6	.010			00-01
01 50	26.660			14	0															0					01-02
02 52	26.660			16	0															0					02-03
03 57	26.680			14	0															0	3	.030			03-04
04 53	26.700			19	0															0					04-05
05 56	26.720			18	0															0					05-06
06 52	26.720			16	0															0	1	.040			06-07
07 52	26.720			15	0															0					07-08
08 50	26.720			14	0															0					08-09
09 54	26.710			12	0															0	8	.010			09-10
10 56	26.700			9	0															0					10-11
11 52	26.690			9	0															0					11-12
12 52	26.660			8	0	0	CU	90	0	CI	300	0								0	8	.050			12-13
13 53	26.640			8	0															0					13-14
14 53	26.620			8	1															0					14-15
15 53	26.610			8	1	0	SC	90	1	CI	300	1								0	6	.050			15-16
16 50	26.600			7	2															0					16-17
17 50	26.600			8	5															0					17-18
18 51	26.600			12	3	3	CI	300												0	6	.010			18-19
19 50	26.620			18	2															0					19-20
20 50	26.630			18	1															0					20-21
21 51	26.630			21	2	2	CI	300												0	1	.030			21-22
22 50	26.630			25	1															0					22-23
23 53	26.620			24	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 0352		0	0		75	66										
	0352	1	0	0	0	76	66		0								
	0950	2	0	0	0	88	69		0								
	1548	3	0	0	0	96	87		0								
	2147	4	0	0	0	95	74		0								
	MID.		0	0	0	74	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0954	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.710	26.610	26.630
BAROGRAPH 64	26.680	26.715	26.620	26.630
BAR. CORR. 65	0	-.005	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	66	0	0	0	27	SE	1015					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 0426 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 CORRECT TO NEAREST MINUTE AT: 10526 / 21351

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: JUN 04 1987

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 (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			129	68	30	32	03		003	603 1001	EP
SA	0151	CLR	20			132	65	30	35	06		004		EP
SA	0250	CLR	20			132	64	29	04	07		004		EP
SA	0350	CLR	20			132	64	30	12	06		004	103 1001 64 RADAT 21139	CRD
SA	0450	300-BKN	20			138	65	29	32	05		006		CRD
SA	0552	300-OVC	20			139	70	34	06	06		006		CRD
SA	0650	300-OVC	20			143	74	29	14	03		007	210 1001	CRD
SA	0752	300-OVC	20			145	82	30	10	03		008		CRD
SA	0852	300-OVC	20			141	88	25	04	03		007	HAZY	CRD
SA	0951	E 300 OVC	20			138	91	26	12	10		007	HAZY/802 1007 63	CRD
SA	1053	E 300 OVC	20			138	93	26	13	03		006	ACCAS E-SE HAZY	CRD
SA	1151	140 SCT E 300 OVC	20			129	95	28	19	15 G28		004	ACCAS ALQDS HAZY	CRD
SA	1252	100 SCT 300-OVC	20			123	95	28	17	15 G21		002	715 1507	CRD
SA	1354	100 SCT 300-BKN	20			115	96	27	22	15 G24		000		CRD
SA	1450	100 SCT 300-BKN	20			110	96	26	22	18 G24		997		CRD
SA	1554	100 SCT 300 SCT	20			106	94	25	23	15 G24		996	717 1108 97 RADAT 41141	CG
SA	1655	100 SCT	20			105	94	27	20	15		996		CG
SA	1756	100 SCT 300 SCT	20			101	92	28	19	10		995		CG
SA	1850	100 SCT 300 SCT	20			099	90	29	20	08		995	603 1108	CG
SA	1956	300 SCT	20			100	88	30	18	09		996		CG
SA	2054	300 SCT	20			106	85	31	17	07		999		CG
SA	2155	300 SCT	20			106	82	32	17	05		999	110 1108 97	CG
SA	2256	300 SCT	20			110	80	36	12	10		000		CG
SA	2353	300 SCT	20			114	78	39	13	07		001		CG

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

FM12-VII: Iliii $i_R i_x$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 1-10A (1-82) WHICH MAY BE USED.

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WEMO, DESERT ROCK NEVADA

DATE: JUN 04 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.620			24	0	0	Cl	300												0	6	.010			00-01
01 51	26.630			27	0															0					01-02
02 50	26.630			27	0															0					02-03
03 50	26.630			28	0	0	Cl	300												0	1	.010			03-04
04 50	26.645			26	6															2					04-05
05 52	26.650			27	10															2					05-06
06 50	26.660			19	10	10	Cl	300												3	2	.030			06-07
07 52	26.665			15	10															3					07-08
08 52	26.660			10	10															4					08-09
09 51	26.655			10	10	10	Cs	E300												6	8	.005			09-10
10 53	26.650			9	10															6					10-11
11 51	26.630			9	10															7					11-12
12 52	26.610			9	10	1	Sc	100	9	Cs	300	10								5	7	.045			12-13
13 54	26.590			9	7															3					13-14
14 50	26.590			8	6															3					14-15
15 54	26.560			8	4	2	Cu	100	2	Cs	300	4								3	7	.050			15-16
16 55	26.560			9	2															2					16-17
17 56	26.550			10	4															3					17-18
18 50	26.550			11	4	1	Cu	100	3	Cs	300	4								3	6	.010			18-19
19 56	26.560			13	2															2					19-20
20 54	26.580			14	1															1					20-21
21 55	26.580			16	1	0	Cu	100	1	Cs	300	1								1	1	.020			21-22
22 58	26.590			21	3															3					22-23
23 53	26.600			25	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	72	64	X	X						X		
	0347	1	0	0	0	74	64		0								
	0948	2	0	0	0	91	63		0								
	1550	3	0	0	0	97	90		0								
	2152	4	0	0	0	95	82		0								
	MID.	X	0	0	0	83	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.665	26.560	26.580
BAROGRAPH 64	26.630	26.665	26.560	26.580
BAR. CORR. 65	0	-.010	0	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	63	0	0	0	28	5	1146					8	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

76. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0426 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 CORRECT TO NEAREST MINUTE AT: 1090OP / 1903P

☆ U.S. Government Printing Office: 1986—654-383

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: JUN 0 5 1987

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	0058	300 SCT	20			115	76	39	13	05		001	107 1008	CG
SA	0157	300 SCT	20			112	73	38	08	06		000		CG
SA	0251	300 SCT	20			112	74	38	12	08		000		CG
SA	0351	250 SCT	20			118	70	38	34	06		001	500 1008 69 RADAT 68133	CRD
SA	0450	160 SCT E250 BKN	20			120	75	39	33	06		002		CRD
SA	0553	E250 BKN	20			129	73	42	04	10		004		CRD
SA	0650	100 SCT E250 BKN	20			136	75	43	33	07		006	217 1808	CRD
SA	0750	100 SCT E250 BKN	20			136	75	47	04	06		006		CRD
SA	0856	100 SCT E250 OVC	20			132	83	43	17	03		005		CRD
SA	0951	100 SCT E250 OVC	20			134	84	44	06	03		006	802 1107 69	CRD
SA	1051	100 SCT E250 BKN	20			127	89	42	03	03		004		CRD
SA	1150	100 SCT E250 OVC	20			123	87	42	23	09		003		CRD
SA	1257	100 SCT E250 OVC	20			119	86	41	13	16	G23	001	TCU E-SE NW/715 1207	CRD
SA	1351	100 SCT E250 OVC	20			112	89	39	14	10		999	TCU NE-S NW	CRD
SA	1450	100 SCT E250 OVC	20			104	88	39	14	12	G20	996	TCU ALQDS	CRD
SA	1551	100 SCT E250 OVC	20			102	86	42	12	16		995	TCU ALQDS/717 1207 90	CRD
/	/												RADAT 74129	/
SA	1656	100 SCT E250 OVC	20			104	86	42	12	13		996	TCU ALQDS	CG
SA	1758	100 SCT E250 OVC	20			107	85	40	12	10		996	TCU VIRGA ALQDS 5-00	CG
SA	1853	E100 BKN 250 OVC	20			110	83	42	31	06		997	307 1208	CG
SA	1955	100 SCT E250 OVC	20			115	80	43	29	12		999		CG
SA	2054	100 SCT E250 OVC	20			124	78	44	15	02		002		CG
SA	2153	70 SCT E250 OVC	20			132	77	48	04	09		004	CB OCNL LTG DSNT E-SE/	CG
/	/												320 1308 90	/
SA	2252	E70 BKN 250 OVC	20			141	74	49	31	10		007	CB OCNL LTG DSNT E	CG
SA	2353	E70 BKN 250 OVC	20			144	73	49	25	06		007	CB OCNL LTG DSNT E	CG

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

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_n$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 1-10A (1-82) WHICH MAY BE USED.

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUN 05 1987

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 58	26.600			26	2	2	Cs	300												2	1	.020			00-01
01 57	26.590			28	2															2					01-02
02 51	26.590			27	3															3					02-03
03 51	26.600			31	5	5	Cs	250												3	5	.000			03-04
04 50	26.610			27	6															4					04-05
05 53	26.630			33	7															5					05-06
06 50	26.650			32	7	1	Sc	100	6	Cs	E250	7								5	2	.050			06-07
07 50	26.650			37	7															5					07-08
08 56	26.640			24	10															8					08-09
09 51	26.645			25	10	1	Cu	100	9	Cs	E250	10								7	8	.005			09-10
10 51	26.630			19	9															5					10-11
11 50	26.615			21	10															6					11-12
12 57	26.600			21	10	3	TCu	100	7	Cs	E250	10								6	7	.045			12-13
13 51	26.580			17	10															6					13-14
14 50	26.560			18	10															6					14-15
15 51	26.550			22	10	3	TCu	100	7	Cs	E250	10								6	7	.050			15-16
16 56	26.560			22	10															7					16-17
17 57	26.580			21	10															9					17-18
18 53	26.570			24	10	7	Cu	E100	3	Cs	250	10								10	3	.020			18-19
19 55	26.580			27	10															10					19-20
20 54	26.610			30	10															8					20-21
21 53	26.630			36	10	5	CB	70	5	Cs	E250	10								10	3	.060			21-22
22 52	26.660			42	10															10					22-23
23 53	26.660			43	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 0347	X	0	0	X	78	69	X	X						X		
	0347	1	0	0	0	83	69		0								
	0948	2	0	0	0	84	70		0								
	1547	3	0	0	0	90	84		0								
	2150	4	0	0	0	87	77		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.645	26.550	26.680
BAROGRAPH 64	26.615	26.645	26.550	26.680
BAR. CORR. 65	-.015	0*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
90	69	0	0	0	24	SE	1232					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0426 SUNSET 1859

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1080P / 1931P1

*0950 BAROGRAPH CHART CHANGED.

1757 / 1801

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: JUN 0 6 1987

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 (10-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hrs) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (18)
SA	0059	E70 OVC	20			144	64	59	06	03		006	*00701 1311 *RB23E41	CG
SA	0155	E70 BKN 250 OVC	20			138	66	58	07	11		005		CG
SA	0252	E70 BKN 250 OVC	20			138	67	54	08	10		005		CG
SA	0353	E70 BKN 250 OVC	20			137	65	56	08	06		004	80701 1807 64 20001	CRD
/													RADAT 89128	/
SA	0452	100 SCT 160 SCT E250 OVC	20			133	65	56	10	09		003		CRD
SA	0550	100 SCT 160 SCT E250 OVC	20			134	65	57	04	08		004		CRD
SA	0653	100 SCT 160 SCT E250 OVC	20			139	69	55	12	04		005	303 1577	CRD
SA	0752	100 SCT 160 SCT E250 OVC	20			145	70	55	12	05		006	CBMAN E-SE	CRD
SA	0850	E100 BKN 250 OVC	20			144	72	54	10	08		006		CRD
SA	0953	50 SCT E100 BKN 250 OVC	20		RW-	144	73	53	23	09		006	RB45/10300 1507 64	CRD
SA	1050	E100 BKN 250 OVC	20			150	72	54	23	10		007	RE38	CRD
SA	1150	100 SCT E250 BKN	20			140	77	52	24	07		005		CRD
SA	1252	100 SCT E250 BKN	20			141	80	51	28	05		004	70700 1208	CRD
SA	1351	100 SCT E250 BKN	20			136	78	50	30	10		003	TCU E-S RWU SE	CRD
SP	1443	E100 BKN 250 BKN	20		~~TRW~~ TRW-				18	08		002	TB42 EMOVG N RB41	CRD
SA	1451	E100 BKN 250 BKN	20		TRW-	134	74	51	17	09		002	TB42 EMOVG N RB41	CRD
SA	1556	E100 BKN 250 OVC	20		TRW-	153	68	55	19	14		006	TE MOVG N RE01B22/30704	CG
/	/												1308 81 RADAT 95123	/
SP	1610	E100 BKN 250 OVC	20		RW-				20	10		007	TE09 MOVD N	CG
SA	1655	E100 BKN 250 OVC	20		RW-	163	64	56	20	14		008	TE09 MOVD N	CG
SA	1753	E100 BKN 250 OVC	20			155	64	54	19	12		006	RE47	CG
SA	1857	E100 BKN 250 OVC	20			140	67	51	08	10		003	TCU ALQDS/81004 1208	CG
SA	1956	E100 BKN 250 BKN	20			131	71	46	11	08		001		CG
SA	2052	100 SCT E250 BKN	20			132	66	49	10	16	627	001		CG
SA	2154	100 SCT 250 SCT	20			140	63	50	15	08		003	50004 1108 81	CG
SA	2258	250 SCT	20			142	61	53	05	07		003		CG
SA	2358	250 SCT	20			140	60	53	04	07		003		CG

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

FM12-VII: Iliii $i_R i_x h$VV 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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUN 06 1987

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 59	26.650			84	10	10	CB	E70												10	0	.020			00-01
01 55	26.640			76	10															10					01-02
02 52	26.640			63	10															8					02-03
03 53	26.630			73	10	6	Sc	E70	4	Cs	250	10								10	8	.020			03-04
04 52	26.620			73	10															10					04-05
05 50	26.625			75	10															10					05-06
06 53	26.640			61	10	2	Sc	100	3	Ac	160	5	5	Cs	E250	10				10	3	.010			06-07
07 52	26.650			59	10															9					07-08
08 50	26.650			53	10															10					08-09
09 53	26.650			50	10	1	Cu	50	6	Sc	E100	7	3	Cs	250	10				10	1	.010			09-10
10 50	26.660			53	10															10					10-11
11 50	26.640			42	8															6					11-12
12 52	26.630			37	8	4	Cu	100	4	Cs	E250	8								6	7	.020			12-13
13 51	26.620			38	8															6					13-14
14 51	26.610			45	9															7					14-15
15 56	26.650			63	10	9	CB	E100	1	Cs	250	10								10	3	.020			15-16
16 55	26.670			75	10															10					16-17
17 53	26.650			70	10															10					17-18
18 57	26.620			57	10	8	Cu	E100	2	Cs	250	10								10	8	.030			18-19
19 58	26.600			41	9															9					19-20
20 52	26.600			54	7															8					20-21
21 54	26.620			63	4	1	Cu	100	3	Cs	250	4								4	5	.000			21-22
22 58	26.620			75	2															2					22-23
23 58	26.620			78	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	.01	0	X	73	64	X	X						X		
	0348	1	.01	0	0	77	64		1								
	0950	2	T	0	0	74	65		0								
	1551	3	.04	0	0	81	68		2								
	2151	4	.04	0	0	71	62		2								
	MID.	X	0	0	0	63	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1556	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.650	26.650	26.620
BAROGRAPH 64	26.630	26.650	26.650	26.620
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	60	.09	0	0	27	E	2048					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0023	0041			
RW-	0945	1038			
RW-	1441	1501			
T	1442	1609			
RW-	1522	1747			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0426 SUNSET 1859

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060P/1903P/

1443/1943

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

DATE JUN 07 1987

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			139	60	53	11	07		003	400	LG
SA	0155	CLR	20			141	57	53	33	05		003		LG
SA	0254	CLR	20			141	60	~~60~~ 54	~~54~~ 10	10		003		LG
SA	0350	~~CLR~~ 150 SCT	20			145	57	53	12	04		003	400 1070 20008 56 RADAT 87121	AD
SA	0450	CLR	20			156	56	54	10	04		005		AD
SA	0550	CLR	20			157	62	53	35	04		006		AD
SA	0650	CLR	20			157	66	54	05	04		007	214	AD
SA	0750	~~CLR~~ 70 SCT	20			155	69	53	01	04		007		AD
SA	0850	70 SCT	20			147	73	53	00	00		005		AD
SA	0950	70 SCT	20			143	76	53	12	10		004	810 1100 56	AD
SA	1050	70 SCT	20			143	78	54	12	12		004		AD
SA	1150	70 SCT	20			134	82	51	13	10		002		AD
SA	1250	70 SCT	20			126	82	46	29	05		000	814 1100	AD
SA	1350	70 SCT	20			118	85	43	19	08		997	TCU SW	AD
SA	1450	70 SCT	20			108	86	44	13	10		995	RWU SW	AD
SA	1555	70 SCT E130 BKN 250 BKN	20			112	81	46	14	15	G22	995	TCU ALQDS VIRGA E 614	MR
/													1251 87 RADAT 61129	/
SA	1655	70 SCT E130 BKN 250 BKN	20			105	84	45	10	12		993	CB SE TCU NW	MR
SA	1759	70 SCT E130 BKN 250 OVC	20			106	82	42	10	08		994	CB RWU SE	MR
SA	1852	70 SCT E110 BKN 250 BKN	20			104	80	41	10	07		994	TCU SW 503 1271	MR
SA	1955	100 SCT E140 BKN	20			105	74	46	13	05		994	OCNL LTG DSNT SW	MR
SA	2052	E140 BKN	20			111	74	45	11	05		996		MR
SA	2154	140 SCT 250 SCT	20			113	71	48	08	02		997	308 1071 87	MR
SA	2254	80 SCT 140 SCT 250 SCT	20			116	67	50	11	07		997		MR
SA	2355	E140 BKN 250 BKN	20			114	67	50	08	06		997		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 $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_l$ C$_M$C$_H$ plus regional and national data groups.

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUN 07 1987

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	TIME OF LOWEST TOTAL 28	THIRD LAYER AMT 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	TIME OF LOWEST TOTAL 32	FOURTH LAYER AMT 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL SKY COVER 36	PRESENT WEATHER CODE 37	PRECIP. (Ins.) 38	SNOW (Ins.) 39	PRECIP. (Ins.) 40	HR.
00 52	26.620			78	0															0	4	.000			00-01
01 55	26.620			87	0															0					01-02
02 54	26.620			81	0															0					02-03
03 50	26.620			87	1	1	Ac	150												1	4	.000			03-04
04 50	26.640			93	0															0					04-05
05 50	26.650			73	0															0					05-06
06 50	26.660			65	0															0	2	.040			06-07
07 50	26.640			57	2															2					07-08
08 50	26.640			50	1															1					08-09
09 50	26.630			45	2	2	CU	70												2	8	.030			09-10
10 50	26.630			44	3															3					10-11
11 50	26.610			34	3															3					11-12
12 50	26.590			28	3	3	CU	70												3	8	.040			12-13
13 50	26.570			23	3															3					13-14
14 50	26.550			23	4															4					14-15
15 55	26.550			29	8	4	TCu	70	2	Ac	E130	6	2	Ci	250	8				6	6	.040			15-16
16 55	26.530			26	8															6					16-17
17 59	26.540			24	10															8					17-18
18 52	26.540			26	9	2	TCu	70	4	Ac	E110	6	3	Ci	250	9				7	5	.010			18-19
19 55	26.540			37	8															7					19-20
20 52	26.560			36	6															5					20-21
21 54	26.565			45	1	1	Ac	140	0	Ci	250	1								1	3	.025			21-22
22 54	26.570			55	3															3					22-23
23 55	26.570			54	7															7					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
	IND. TO 0350		0	0		61	56										
	0350	1	0	0	0	63	56		0								
	0950	2	0	0	0	76	56		0								
	1551	3	0	0	0	87	76		0								
	2150	4	0	0	0	84	70		0								
	IND.		0	0	0	71	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.630	26.550	26.565
BAROGRAPH 64	26.630	26.630	26.540	26.555
BAR. CORR. 65	-.010	+-0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	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
87	56	0	0	0	28	SE	1533					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 0425 SUNSET 1900

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500 / 1958 / /

0254 / 0254

0350 / 0350

0750 / 0750

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: JUN 08 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (2)	SKY AND CEILING (3)	VISIBILITY (4)	(4a)	WEATHER AND OBSTRUCTION (5)	SEA LEVEL PRESS (6)	TEMP (7)	DEW (8)	WIND (9)	(10)	(11)	ALTIMETER SET (12)	REMARKS AND SUPPLEMENTAL INFORMATION (13)	(14)
SA	0056	140 SCT 250 SCT	20			113	66	49	05	05		997	000 1071	MR
SA	0156	140 SCT 250 SCT	20			110	65	49	06	08		996		MR
SA	0255	140 SCT	20			114	63	48	10	04		997		MR
SA	0350	CLR	20			122	61	51	11	04		999	305 61 RADAT 77123	AD
SA	0450	70 SCT	20			121	62	51	11	07		999	TCU SW	AD
SA	0550	70 SCT	20			122	67	50	34	05		000	TCU SW	AD
SA	0650	70 SCT	20			122	76	46	36	04		001	307 1100	AD
SA	0750	70 SCT 150 SCT	20			123	79	46	33	04		001		AD
SA	0850	70 SCT 220 SCT	20			123	82	47	23	05		001	TCU ALQDS	AD
SA	0950	70 SCT 220 SCT	20			123	84	46	02	04		001	*400 1201 61/*TCU ALQDS	AD
SA	1050	70 SCT 220 SCT	20			115	87	42	22	12		999	TCU ALQDS	AD
SA	1150	E70 BKN 220 BKN	20			109	85	43	13	10		996	TCU ALQDS	AD
SA	1250	E70 BKN 220 BKN	20			103	83	42	07	09		994	*720 1202 /*TCU ALQDS	AD
SA	1350	E70 BKN 220 BKN	20			099	85	41	05	09		993	CB ALQDS	AD
SA	1450	E70 BKN 220 BKN	20			098	81	43	09	14		992	CB ALQDS DSNT LTG E	AD
SP	1519	E70 BKN 220 OVC	20		T				11	20	G28	994	TB16 OVHD-NW MOVG NW	MR
													OCNL LTGCG NW	
SA	1553	E70 BKN 140 OVC	20		TRW-	108	76	42	09	17	G25	994	TB16 OVHD-W AND N *OCNL	MR
													LTGIC SW-W LTGCG N RB41	
													50000 196/87 *LTL MOVMT	
													RADAT 78120	
SP	1641	E70 BKN 140 BKN 250 OVC	20						07	08	G34	995	TE41 MOVD NW RE37 CB	MR
													ALQDS	
SA	1656	E70 BKN 120 BKN 250 OVC	20			110	76	42	05	08		995	TE41 RE37 CB RWU NW-N	MR
													CB SE	
SA	1752	70 SCT E120 BKN 250 OVC	20			107	77	40	07	14		995	RWU N AND SE	MR
SA	1852	120 SCT E250 OVC	20			113	72	45	13	04		997	30800 1467	MR
SA	1948	120 SCT E250 BKN	20			113	72	42	06	11	G18	997		MR
SA	2055	E130 BKN 250 OVC	20			119	72	43	11	08		000		MR
SA	2155	120 SCT E250 BKN	20			111	71	43	03	05		997	CB OCNL LTGIC E MOVG	MR
													N 00200 1961 87	
SA	2253	120 SCT 250 SCT	20			113	65	43	03	08		997		MR
SA	2353	120 SCT 250 SCT	20			114	68	42	04	09		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_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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUN 08 1987

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	26.565			55	5	4	Ac	140	1	Ci	250	5								4	0	.000			00-01
01 56	26.560			58	4															3					01-02
02 55	26.570			58	2															2					02-03
03 50	26.580			70	0															0	3	.015			03-04
04 50	26.580			67	1															1					04-05
05 50	26.590			55	1															1					05-06
06 50	26.600			35	1	1	Cu	70												1	3	.020			06-07
07 50	26.600			31	2															2					07-08
08 50	26.600			30	3															3					08-09
09 50	26.600			27	4	3	TCu	70	1	Ci	220	4								4	4	.000			09-10
10 50	26.580			21	4															4					10-11
11 50	26.560			23	7															7					11-12
12 50	26.540			24	9	8	TCu	E70	1	Ci	220	9								9	7	.060			12-13
13 50	26.530			21	9															9					13-14
14 50	26.520			26	9															9					14-15
15 53	26.540	75.6	56.6	31	10	8	CB	E70	2	Ac	140	10								10	5	.000			15-16
16 56	26.545			30	10															10					16-17
17 52	26.545			27	10															8					17-18
18 52	26.565			38	10	0	Sc	70	2	Ac	120	2	10	Cs	E250	10				6	3	.025			18-19
19 48	26.570			35	7															4					19-20
20 55	26.590			35	10															8					20-21
21 55	26.570			35	6	0	CB	70	5	Ac	120	5	1	Ci	250	6				4	0	.005			21-22
22 53	26.570			45	2															2					22-23
23 53	26.575			39	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	68	61	X	X						X		
	0350	1	0	0	0	71	61		0								
	0950	2	0	0	0	84	61		0								
	1547	3	T	0	0	87	75		0								
	2149	4	T	0	0	77	71		0								
	MID.	X	0	0	0	72	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.600	26.590	26.570
BAROGRAPH 64	26.570	26.585	26.540	26.570
BAR. CORR. 65	+.010	+.015	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 UNALTD (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
87	61	T	0	0	34	E	1633					6	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1516	1641			
RW-	1541	1637			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1901

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0800/ 1600P / /

1553/*LTL MOMT/1553

HO-83 OTS 1507-1639

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: JUN 09 1987

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 (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CORRECTIONS (14)
SA	0052	120 SCT	20			117	67	41	06	08		999	303 1060	MR
SA	0153	CLR	20			112	63	43	04	05		986	AC NE-SE	MR
SA	0256	CLR	20			112	65	43	02	09		996	AC NE-SE	MR
SA	0350	70 SCT	20			116	63	43	31	07		996	607 1100 62 RADAT 61124	AD
SA	0450	70 SCT	20			117	61	44	03	04		996		AD
SA	0550	CLR	20			115	64	46	12	04		986		AD
SA	0650	CLR	20			113	72	46	11	04		996	400	AD
SA	0750	CLR	20			119	76	43	02	06		999		AD
SA	0850	CLR	20			116	80	42	32	04		999		AD
SA	0950	CLR	20			115	82	40	29	06		999	107 1100 61	AD
SA	1050	70 SCT	20			110	85	38	12	06		996		AD
SA	1150	70 SCT	20			104	86	38	23	08		995		AD
SA	1250	70 SCT	20			096	87	36	24	14		993	717 1100	AD
SA	1350	70 SCT	20			090	89	33	25	13		991		AD
SA	1450	70 SCT	20			085	89	31	24	14		990		AD
SA	1557	CLR	20			075	89	29	28	09		986	820 1100 90 RADAT 20138	MR
SA	1655	CLR	20			072	88	34	26	10		985	TCU NE	MR
SA	1755	CLR	20			069	87	36	27	08		985		MR
SA	1857	250 -SCT	20			065	84	37	32	03		984	607 1406	MR
SA	1957	250 -SCT	20			069	79	37	07	05		985		MR
SA	2054	CLR	20			073	73	38	07	06		986		MR
SA	2155	CLR	20			073	71	37	08	06		986	107 90	MR
SA	2253	CLR	20			072	70	38	08	05		986		MR
SA	2357	CLR	20			075	66	39	01	05		986		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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 09 1987

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	26.580			39	1	1	Ac	120												1	3	.010			00-01
01 53	26.560			47	0															0					01-02
02 56	26.560			45	0															0					02-03
03 50	26.560			48	1	1	Cu	70												1	6	.020			03-04
04 50	26.560			54	1															1					04-05
05 50	26.560			52	0															0					05-06
06 50	26.560			40	0															0	4	.000			06-07
07 50	26.580			31	0															0					07-08
08 50	26.580			26	0															0					08-09
09 50	26.580			23	0	0	Cu	70												0	1	.020			09-10
10 50	26.560			19	1															1					10-11
11 50	26.550			18	1															1					11-12
12 50	26.530			16	1	1	Cu	70												1	7	.050			12-13
13 50	26.510			14	1															1					13-14
14 50	26.500			13	1															1					14-15
15 57	26.470			12	0	0	Cu	90												0	8	.060			15-16
16 55	26.460			15	0															0					16-17
17 55	26.455			17	0															0					17-18
18 57	26.450			19	3	0	Sc	90	3	CS	250	3								0	6	.020			18-19
19 57	26.460			22	1															0					19-20
20 54	26.470			28	0															0					20-21
21 55	26.470			29	0															0	1	.020			21-22
22 53	26.470			31	0															0					22-23
23 57	26.470			37	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		69	62										
	0350	1	0	0	0	72	62		0								
	0950	2	0	0	0	82	61		0								
	1552	3	0	0	0	90	82		0								
	2152	4	0	0	0	90	71		0								
	MID.		0	0	0	72	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1556	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.580	26.470	26.470
BAROGRAPH 64	26.555	26.580	26.480	26.480
BAR. CORR. 65	+.005	+.000	-.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	4/Jun 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	61	0	0	0	20	SW	1314					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 0425 SUNSET 1901

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

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

TIME CHECK CLOCK CORRECT TO NEAREST MINUTE AT: 0350 / 0950 / / /

*0950 CHANGED MICRO BAROGRAPH

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: JUN 10 1987

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			072	64	39	17	03		986	802	MR
SA	0155	CLR	20			075	65	40	26	04		987		MR
SA	0253	CLR	20			075	65	39	06	08		987		MR
SA	0350	CLR	20			082	63	40	11	06		988	308 62 RADAT 38131	AD
SA	0450	CLR	20			085	63	40	10	05		990		AD
SA	0550	CLR	20			091	69	41	12	03		992		AD
SA	0650	CLR	20			091	74	43	07	04		992	110	AD
SA	0750	250 - SCT	20			090	81	37	24	03		992		AD
SA	0850	250 - SCT	20			090	86	38	60	00		992		AD
SA	0950	70 SCT 250 - BKN	20			090	88	38	25	06		992	400 1101 62	AD
SA	1050	70 SCT 250 - BKN	20			087	90	37	17	09		990		AD
SA	1150	70 SCT 250 - BKN	20			076	92	37	19	08		987		AD
SA	1250	70 SCT 250 - BKN	20			072	94	36	19	16		986	717 1101	AD
SA	1350	70 SCT 250 - BKN	20			065	93	38	18	10	526	984		AD
SA	1450	70 SCT 250 - BKN	20			065	93	35	19	14		984		AD
SA	1553	70 SCT 250 - SCT	20			057	93	34	19	16	623	982	714 1101 94 RADAT 32136	HS
SA	1653	70 SCT 250 - SCT	20			054	92	31	21	15		981		HS
SA	1751	CLR	20			052	90	31	20	15		981	FEW CU CI	HS
SA	1852	CLR	20			054	87	31	21	09		982	502 1001	HS
SA	1951	CLR	20			055	80	34	12	03		982	CI N	HS
SA	2050	CLR	20			058	78	36	11	09		983		HS
SA	2152	CLR	20			058	77	37	12	09		983	105 94	HS
SA	2254	CLR	20			064	78	34	01	03		985		HS
SA	2350	CLR	20			065	71	36	02	07		985		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 10 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.465			41	0															0	8	.005			00-01
01 55	26.475			40	0															0					01-02
02 53	26.475			39	0															0					02-03
03 SD	26.490			43	0															0	3	.025			03-04
04 SD	26.500			43	0															0					04-05
05 SD	26.520			36	0															0					05-06
06 SD	26.520			33	0															0	1	.030			06-07
07 SD	26.520			21	3															0					07-08
08 SD	26.520			19	3															0					08-09
09 SD	26.520			17	6	1	CU	70	5	CI	250	6								1	4	.000			09-10
10 SD	26.500			16	8															2					10-11
11 SD	26.480			15	9															3					11-12
12 SD	26.470			12	9	2	CU	70	7	CI	250	9								4	7	.050			12-13
13 SD	26.450			15	9															4					13-14
14 SD	26.450			13	8															3					14-15
15 53	26.430			12	4	2	CU	70	2	CI	250	4								2	7	.040			15-16
16 53	26.420			12	2															1					16-17
17 51	26.420			12	0															0					17-18
18 52	26.425			13	0	0	CI	250												0	5	.005			18-19
19 51	26.430			19	0															0					19-20
20 50	26.440			22	0															0					20-21
21 52	26.440			24	0															0	1	.015			21-22
22 54	26.460			21	0															0					22-23
23 50	26.460			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 0350	X	0	0	X	69	62	X	X						X		
	0350	1	0	0	0	72	62		0								
	0950	2	0	0	0	88	62		0								
	1551	3	0	0	0	94	87		0								
	2150	4	0	0	0	93	76		0								
	MID.	X	0	0	0	79	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.520	26.430	26.440
BAROGRAPH 64	26.480	26.510	26.425	26.450
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 TO (Ins.) 69	4-AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	62	0	0	0	26	S	1342					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1902

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500 / 1900 / /

1350/WND 1810G26/0800P 6-16-87

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: JUN 11 1987

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 (Knots) (10)	WIND GUSTS (Knots) (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	(15)
SA	0050	CLR	20			069	69	35	02	07		986	210	HS
SA	0150	CLR	20			072	71	32	04	07		987		HS
SA	0252	CLR	20			076	65	35	07	07		987		HS
SA	0357	CLR	20			084	68	34	04	06		990	310 64	RD
SA	0459	CLR	20			088	65	36	36	04		991	RADAT 21133/1154	RD
SA	0554	CLR	20			095	70	38	06	03		994		RD
SA	0657	CLR	20			161	98	38	26	04		995	217	RD
SA	0754	CLR	20			104	83	35	30	03		996		RD
SA	0855	CLR	20			104	86	38	17	04		996		RD
SA	0954	CLR	20			105	89	33	18	10		997	305 1001 62	RD
SA	1057	CLR	20			104	90	32	22	16		997		RD
SA	1152	CLR	20			108	91	33	18	16		997	FEW CU	RD
SA	1255	CLR	20			102	92	33	22	21 G19		996	803 1101	RD
SA	1350	CLR	20			099	93	28	20	08 G19		995		RD
SA	1450	~~250 SCT~~ CLR	20			096	94	25	20	16		994		RD
SA	1553	CLR	20			086	94	22	22	12	622	992	812 1101 94 RADAT 20139	HS
SA	1653	CLR	20			089	92	25	25	14	622	992	FEW CU CI	HS
SA	1750	CLR	20			090	91	28	23	13		992	CI NW	HS
SA	1852	CLR	20			091	88	27	23	07		993	303 1001	HS
SA	1950	CLR	20			099	80	29	05	05		995	CI NW	HS
SA	2051	CLR	20			107	78	30	06	07		997		HS
SA	2154	CLR	20			111	74	33	11	06		999	117 94	HS
SA	2250	CLR	20			113	74	34	14	06		000		HS
SA	2351	CLR	20			119	71	34	10	03		001		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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 11 1987

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	26.470			29	0															0	2	.030			00-01
01 50	26.480			24	0															0					01-02
02 52	26.480			33	0															0					02-03
03 57	26.500			29	0															0	3	.020			03-04
04 59	26.510			34	0															0					04-05
05 54	26.535			31	0															0					05-06
06 57	26.550			24	0															0	2	.050			06-07
07 54	26.560			18	0															0					07-08
08 55	26.560			18	0															0					08-09
09 54	26.565			14	0	0	Ci	250												0	3	.015			09-10
10 59	26.570			12	0															0					10-11
11 52	26.570			13	0															0					11-12
12 55	26.555			13	0	0	Cu	70	0	Ci	250	0								0	8	.010			12-13
13 50	26.550			10	0															0					13-14
14 50	26.540			8	0															0					14-15
15 53	26.520			7	0	0	Cu	70	0	Ci	250	0								0	8	.035			15-16
16 53	26.515			9	0															0					16-17
17 50	26.520			10	0															0					17-18
18 52	26.530			11	0	0	Ci	250												0	3	.010			18-19
19 50	26.550			16	0															0					19-20
20 51	26.570			17	0															0					20-21
21 54	26.580			22	0															0	1	.050			21-22
22 50	26.585			24	0															0					22-23
23 51	26.600			26	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 0800	X	0	0	X	72	64	X	X						X		
	0349	1	0	0	0	79	64		0								
	0950	2	0	0	0	89	62		0								
	1551	3	0	0	0	94	89		0								
	2152	4	0	0	0	94	74		0								
	MID.	X	0	0	0	76	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0956	0953	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.565	26.520	26.580
BAROGRAPH 64	26.491	26.565	26.535	26.580
BAR. CORR. 65	+.019	0	-.015	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (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 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
94	62	0	0	0	33	S	1221					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 0425 SUNSET 1902

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10815 / 1900 /

1450/SKY CLR/0930 6-16-87

MF1-10A
(5-83)

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

STATION: WMO, DESERT ROCK NEVADA

DATE: JUN 19, 1987

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 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 INTERVAL (15)
SA	0051	CLR	20			120	69	33	27	03		001	107	HS
SA	0150	CLR	20			122	68	32	04	06		002		HS
SA	0251	CLR	20			128	66	32	02	06		003		HS
SA	0353	CLR	20			140	65	33	34	03		006	217 64 RADAT 20140	RD
SA	0450	CLR	20			150	62	35	06	05		008		RD
SA	0555	CLR	20			155	70	36	11	04		011		RD
SA	0652	CLR	20			158	77	38	00	00		013	219	RD
SA	0752	CLR	20			159	84	34	28	06		013		RD
SA	0857	CLR	20			159	89	30	08	03		013		RD
SA	0954	CLR	20			157	91	29	11	03		013	000 62	RD
SA	1053	CLR	20			156	94	31	00	00		013	FEW CU SE	RD
SA	1150	CLR	20			155	95	33	04	06		012	CU SE	RD
SA	1455 1255	CLR	20			144	96	36	25	17		008	712 1100	RD
SA	1355	CLR	20			143	96	36	20	08		007	CU SE	RD
SA	1450	CLR	20			137	98	35	25	11	G21	006		RD
SA	1551	CLR	20			133	98	36	23	12	G19	005	FEW CU 710 1100 98	
													RADAT 63143	HS
SA	1650	CLR	20			133	96	36	29	12		004	FEW CU	HS
SA	1751	CLR	20			132	95	36	24	11		005	FEW CU	HS
SA	1851	CLR	20			131	92	36	25	06		005	FEW CU 500 1100	HS
SA	1954	CLR	20			141	82	39	06	05		007	FEW CU	HS
SA	2050	CLR	20			147	79	41	09	06		009	FEW SC	HS
SA	2154	CLR	20			151	76	41	07	03		011	SC SE 217 1400 98	HS
SA	2250	CLR	20			151	75	41	07	05		011	SC SE	HS
SA	2350	CLR	20			151	72	42	11	05		011	SC SE	HS

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: ~~WSMO~~ DESERT ROCK NEVADA

DATE: JUN 12 1987

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	26.600			27	0															0	1	.020			00-01
01 50	26.610			26	0															0					01-02
02 51	26.620			28	0															0					02-03
03 53	26.650			30	0															0	2	.050			03-04
04 50	26.670			36	0															0					04-05
05 55	26.690			29	0															0					05-06
06 52	26.705			25	0															0	2	.035			06-07
07 52	26.710			17	0															0					07-08
08 57	26.710			12	0															0					08-09
09 54	26.705			11	0															0	0	.000			09-10
10 53	26.705			11	0															0					10-11
11 50	26.695			11	0															0					11-12
12 55	26.670			12	0	0	Cu	70												0	7	.035			12-13
13 55	26.660			12	0															0					13-14
14 50	26.650			11	0															0					14-15
15 51	26.640			12	0	0	Cu	110												0	7	.030			15-16
16 50	26.630			12	0															0					16-17
17 51	26.640			13	0															0					17-18
18 51	26.640			14	0	0	Cu	100												0	5	.000			18-19
19 54	26.660			21	0															0					19-20
20 50	26.680			26	0															0					20-21
21 54	26.690			29	0	0	SC	100												0	2	.050			21-22
22 50	26.690			30	0															0					22-23
23 50	26.690			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 0350	X	0	0	X	71	64	X	X						X		
	0350	1	0	0	0	76	64		0								
	0949	2	0	0	0	91	62		0								
	1549	3	0	0	0	98	91		0								
	2152	4	0	0	0	98	75		0								
	MID.	X	0	0	0	76	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1550	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.705	26.640	26.680
BAROGRAPH 64	26.650	26.715	26.660	26.700
BAR. CORR. 65	0	-.010	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	62	0	0	0	21	W	1444					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 0425 SUNSET 1903

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1064S / 1900 /

1255/1255

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: JUN 13 1987

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0055	CLR	20			147	72	41	07	03		009	803 1030	HS
SA	0150	CLR	20			147	71	42	10	08		009	FEW AC	HS
SA	0250	CLR	20			147	69	41	01	05		009	FEW AC	HS
SA	0356	CLR	20			152	68	41	34	05		011	303 1030 68 RADAT 51144	RD
SA	0455	160 SCT	20			153	69	41	00	00		012		RD
SA	0551	70 SCT	20			158	73	45	09	05		013		RD
SA	0655	70 SCT	20			158	80	45	19	04		014	208 1100	RD
SA	0751	70 SCT	20			158	88	40	24	04		014		RD
SA	0854	70 SCT 100 SCT	20			157	92	38	21	06		013		RD
SA	0957	140 SCT	20			153	95	38	25	09		012	805 1150 67	RD
SA	1052	140 SCT	20			150	97	37	31	03		011	FEW CU	RD
SA	1153	80 SCT 140 SCT	20			139	97	37	12	09		008		RD
SA	1254	80 SCT 140 SCT	20			132	98	38	00	00		006	719 1190	RD
SA	1356	E80 BKN	20			131	97	38	11	09		005		RD
SA	1453	E80 BKN	20			126	97	37	06	08	G34	004	PK WND 1236/45	RD
													VIRGA E	
SA	1552	80SCT	20			114	99	37	14	14		000	CB NW TCU NE-SE PK	
													WND 1348/27 819 1900	
													00 RADAT 63147	HS
SA	1650	80SCT	20			101	98	37	14	14	G21	996	CB SE AND NW	HS
SA	1750	80SCT 250SCT	20			102	97	37	15	12		997	CB SE AND NW DSIPTD	HS
SA	1854	80SCT 250-BKN	20			101	95	39	20	08		997	507 1201	HS
SA	1950	80SCT 250-SCT	20			101	88	41	10	05		997		HS
SA	2050	80SCT 250SCT	20			105	84	41	10	07		999		HS
SA	2152	80SCT	20			108	83	41	02	05		000	307 1400 00	HS
SA	2251	80SCT	20			109	84	37	33	03		001		HS
SA	2350	80 SCT	20			107	82	36	26	07		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$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 13 1987

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	26.680		-	32	0	0	Ac	140												0	8	.010			00-01
01 50	26.680			36	0															0					01-02
02 50	26.680			36	0															0					02-03
03 56	26.690			38	0	0	Ac	160												0	3	.010			03-04
04 55	26.695			35	1															1					04-05
05 51	26.710			37	3															3					05-06
06 55	26.715			29	4	4	Cu	70												4	2	.025			06-07
07 51	26.715			19	3															3					07-08
08 54	26.710			15	4															4					08-09
09 57	26.700			14	3	0	Cu	70	3	Ac	140	3								3	8	.015			09-10
10 52	26.690			13	3															3					10-11
11 53	26.665			13	4															4					11-12
12 54	26.645			13	5	5	Cu	80	0	Ac	140	5								5	7	.055			12-13
13 56	26.640			13	7															7					13-14
14 53	26.625			13	7															7					14-15
15 52	26.590			12	5	5	CB	80												5	8	.055			15-16
16 50	26.560			12	5															5					16-17
17 50	26.565			13	5															4					17-18
18 54	26.570			15	6	3	Cu	80	3	Ci	250	6								3	5	.020			18-19
19 50	26.570			19	2															1					19-20
20 50	26.580			22	3															3					20-21
21 52	26.590			23	3	3	Sc	80												3	3	.020			21-22
22 51	26.600			19	1															1					22-23
23 50	26.590			19	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 0351	X	0	0	X	73	68	X	X						X		
	0351	1	0	0	0	76	68		0								
	0952	2	0	0	0	95	67		0								
	1550	3	0	0	0	100	94		0								
	2150	4	0	0	0	100	82		0								
	MID.	X	0	0	0	84	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0955	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.700	26.590	26.590
BAROGRAPH 64	26.715	26.700	26.600	26.590
BAR. CORR. 65	-.025	* 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
100	67	0	0	0	48	SE	1527					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 0425 SUNSET 1903

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1063 / 1905 /

CHANGED MICROBAROGRAPH AND RESET AT 0955 LST

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE JUN 14 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	80 SCT	20			107	82	34	09	06		000	000 1400	HS
SA	0151	250-SCT	20			108	75	38	05	08		999	FEW SC	HS
SA	0250	250-SCT	20			108	74	37	06	07		999		HS
SA	0357	250 - SCT	20			113	72	38	06	05		001	ACCAS N-NE / 302	DC
													1081 71 RADAT 55145	
SA	0455	250 - SCT	20			116	71	38	00	00		001	ACCAS N-NE	DC
SA	0556	250 - BKN	20			113	78	42	00	00		001	ACCAS N-NE	DC
SA	0654	250 - BKN	20			105	83	40	00	00		999	805 1071	DC
SA	0758	250 - SCT	20			102	90	39	08	08		999		DC
SA	0856	250 SCT	20			101	91	33	22	10		997		DC
SA	0954	250 SCT	20			096	94	31	23	16	G22	996	807 1102 70	DC
SA	1055	250 SCT	20			094	95	29	19	12	G22	996	FEW Cu	DC
SA	1155	250 SCT	20			084	97	28	22	18	G29	993	FEW Cu	DC
SA	1254	250 SCT	20			075	97	29	19	18	G29	991	819 1102	DC
SA	1358	100 SCT 250 SCT	20			064	99	27	21	16	G29	986		DC
SA	1456	250 SCT	20			060	99	26	18	20	G29	985	FEW Cu BD DSNT SE	DC
SA	1552	100SCT 180SCT 250-SCT	20			059	97	22	21	16	G26	984	/ BD DSNT SE / 619	
													1172 00 RADAT 20146	WRG
SA	1652	100 SCT 180 SCT	20			056	96	20	19	10	G21	983	SMKY DSNT SE-NE	WRG
SA	1752	180 SCT	20			051	93	22	21	10	G19	982	SMKY DSNT SE-NE	WRG
SA	1852	180 SCT	20			045	90	23	21	12		981	K Layer DSNT SE-NE /	
													710 1070	WRG
SA	1952	180 SCT	20			052	86	25	22	12		983		WRG
SA	2050	180 SCT	20			066	81	31	24	08		986		WRG
SA	2152	180 SCT	20			067	78	32	19	03		986	117 1070 00	WRG
SA	2252	180 SCT	20			072	74	30	36	05		988		WRG
SA	2352	180 SCT	20			068	76	25	10	06		987		WRG

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

FM12-VII: 1Iiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH 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
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NEVADA

DATE: JUN 14 1987

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	26.590			18	1	1	Sc	80												1	0	.000			00-01
01 51	26.580			26	2															1					01-02
02 50	26.580			26	2															0					02-03
03 57	26.595			29	3	0	ACCAS	100	3	CI	250	3								1	3	.005			03-04
04 55	26.600			30	5															1					04-05
05 56	26.600			28	8															1					05-06
06 54	26.580			22	7	0	AC	100	7	CI	250	7								1	8	.015			06-07
07 58	26.575			17	2															1					07-08
08 56	26.570			13	1															1					08-09
09 54	26.560			11	1	0	Cu	100	1	CI	250	1								1	8	.020			09-10
10 55	26.555			10	3															2					10-11
11 55	26.530			9	1															1					11-12
12 54	26.505			9	1	0	Cu	100	1	CI	250	1								1	8	.055			12-13
13 58	26.470			8	1															1					13-14
14 56	26.460			8	1															1					14-15
15 52	26.450			7	2	1	CU	100	0	AC	180	1	1	CI	250	2				1	6	.055			15-16
16 52	26.440			7	2															2					16-17
17 52	26.430			6	3															3					17-18
18 52	26.420			9	3	3	Ac	180												3	7	.030			18-19
19 52	26.440			11	2															2					19-20
20 50	26.470			17	2															2					20-21
21 52	26.470			19	3	3	Ac	180												3	1	.050			21-22
22 52	26.485			20	2															2					22-23
23 52	26.480			15	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	84	71	X	X						X		
	0350	1	0	0	0	84	71		0								
	0949	2	0	0	0	94	70		0								
	1548	3	0	0	0	100	93		0								
	2148	4	0	0	0	97	76		0								
	MID.	X	0	0	0	79	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.560	26.450	26.470
BAROGRAPH 64	26.580	26.550	26.455	26.455
BAR. CORR. 65	+.015	+.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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	70	0	0	0	32	SW	1131					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1903

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1100P / 2122P /

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **JUN 15 1987**

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			066	73	27	24	10	G19	986	000	WRG
SA	0152	CLR	20			074	73	23	24	10	G20	988	FCW AC NE	WRG
SA	0252	CLR	20			075	72	20	21	10	G18	989		WRG
SA	0358	CLR	20			067	70	20	15	10		986	000 70 RADAT 20138	DC
SA	0455	CLR	20			076	68	18	34	03		988		DC
SA	0555	CLR	20			084	71	14	23	12		991		DC
SA	0656	CLR	20			080	73	19	26	08		990	010	DC
SA	0754	CLR	20			081	75	20	23	15	G24	990		DC
SA	0855	CLR	20			082	79	16	21	16	G22	990		DC
SA	0956	CLR	20			085	81	11	19	16	G26	991	302 67	DC
SA	1050	CLR	20			086	82	12	18	22	G32	991	PK WND 1837/25	DC
SA	1155	CLR	20			080	82	10	21	24	G35	988	ACSL E	DC
SA	1252	CLR	20			076	84	15	20	23	G31	987	ACSL E / 808 1040	DC
SA	1352	CLR	20			075	85	18	22	25	G33	987	ACSL E	DC
SA	1455	CLR	20			066	85	19	21	20	G29	985	ACSL E	DC
SA	1552	CLR	20			065	86	18	21	20	G32	984	710 86 RADAT 24136	WRG
SA	1652	CLR	20			069	85	18	21	18	G24	985		WRG
SA	1752	CLR	20			063	83	19	22	12	G22	983	ACSL E	WRG
SA	1852	CLR	20			066	81	19	20	10	G20	984	500 1001	WRG
SA	1952	CLR	20			071	77	17	24	10		985	FCW CI W	WRG
SA	2050	CLR	20			081	75	16	26	04		986		WRG
SA	2152	CLR	20			085	73	17	21	10		990	217 86	WRG
SA	2252	CLR	20			081	72	18	21	08		988		WRG
SA	2352	CLR	20			086	73	18	19	10		990		WRG

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
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 15 1987

To convert LST to GMT ADD 4 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 O-PAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.470			18	0															0	0	.000			00-01
01 52	26.490			15	0															0					01-02
02 52	26.495			14	0															0					02-03
03 58	26.470			15	0															0	0	.000			03-04
04 55	26.490			15	0															0					04-05
05 55	26.510			11	0															0					05-06
06 56	26.500			13	0															0	0	.030			06-07
07 54	26.500			13	0															0					07-08
08 55	26.500			9	0															0					08-09
09 56	26.505			7	0															0	3	.005			09-10
10 50	26.505			7	0															0					10-11
11 55	26.490			6	0															0					11-12
12 52	26.480			8	0	0	ACSL	160												0	8	.025			12-13
13 52	26.475			8	0															0					13-14
14 55	26.455			9	0															0					14-15
15 52	26.450			8	0															0	7	.030			15-16
16 52	26.460			8	0															0					16-17
17 52	26.440			9	0															0					17-18
18 52	26.450			10	0	0	CI	250												0	5	.000			18-19
19 52	26.460			10	0															0					19-20
20 50	26.490			11	0															0					20-21
21 52	26.500			12	0															0	2	.050			21-22
22 52	26.490			13	0															0					22-23
23 52	26.505			13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	76	70	X	X						X		
	0350	1	0	0	0	79	70		0								
	0949	2	0	0	0	81	67		0								
	1548	3	0	0	0	86	80		0								
	2148	4	0	0	0	86	73		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.505	26.450	26.500
BAROGRAPH 64	26.450	26.490	26.455	26.470
BAR. CORR. 65	+.020	+.015	-.005	+.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 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
86	67	0	0	0	32	5	1025					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 0425 SUNSET 1904

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 1100P/1932 /

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **JUN 16 1987**

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 ACCEPT (11)	ALTIMETER SETTING (Hrs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	(15)
SA	0052	CLR	20			088	68	19	29	07		990	102	WRG
SA	0152	CLR	20			094	67	15	36	03		992		WRG
SA	0252	CLR	20			102	63	18	04	10		994		WRG
SA	0357	CLR	20			102	60	21	05	08		994	110 60 RADAT 20136	DC
SA	0452	CLR	20			109	60	24	36	06		995	CI NW	DC
SA	0554	CLR	20			110	67	27	00	00		996	CI NW-N CU DSNT SE	DC
SA	0655	CLR	20			112	70	26	23	03		997	212	DC
SA	0756	CLR	20			116	73	32	27	04		999		DC
SA	0850	CLR	20			113	76	30	32	03		997		DC
SA	0950	CLR	20			112	77	28	22	06		997	802 59	DC
SA	1057	CLR	20			107	81	30	26	10		996		DC
SA	1150	CLR	20			101	83	25	24	15	G21	995		DC
SA	1254	CLR	20			094	86	17	21	13	G21	993	814 1002	DC
SA	1357	CLR	20			086	88	19	22	10	G23	991		DC
SA	1447	CLR	20			080	88	17	18	18		988	5	DC
SA	1552	CLR	20			081	88	11	21	12	G22	987	71~~7~~ 90 RADAT 20137	WRG
SA	1652	CLR	20			078	87	11	21	14	G25	986		WRG
SA	1752	CLR	20			077	86	17	21	16	G25	987		WRG
SA	1852	CLR	20			077	84	17	22	15		987	500	WRG
SA	1952	CLR	20			077	80	17	14	06		987		WRG
SA	2050	CLR	20			082	78	18	17	07		988		WRG
SA	2152	CLR	20			088	76	19	26	06		991	310 90	WRG
SA	2252	CLR	20			087	75	25	21	11		991		WRG
SA	2350	CLR	20			084	70	25	06	06		990		WRG

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

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/8085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 16 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.505			15	0															0	1	.005			00-01
01 52	26.520			13	0															0					01-02
02 52	26.535			18	0															0					02-03
03 57	26.535			22	0															0	1	.020			03-04
04 52	26.550			25	0															0					04-05
05 54	26.560			22	0															0					05-06
06 55	26.570			19	0															0	2	.035			06-07
07 56	26.575			22	0															0					07-08
08 50	26.570			18	0															0					08-09
09 50	26.565			16	0															0	8	.005			09-10
10 57	26.560			16	0															0					10-11
11 50	26.545			12	0															0					11-12
12 54	26.525			8	0	0	CI	250												0	8	?.040			12-13
13 57	26.505			8	0															0					13-14
14 47	26.485			7	0															0					14-15
15 52	26.480			6	0															0	7	.045			15-16
16 52	26.470			6	0															0					16-17
17 52	26.480			8	0															0					17-18
18 52	26.480			8	0															0	5	.000			18-19
19 52	26.480			9	0															0					19-20
20 50	26.490			10	0															0					20-21
21 52	26.510			11	0															0	3	.030			21-22
22 52	26.510			16	0															0					22-23
23 50	26.500			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 0350	X	0	0	X	73	60	X	X						X		
	0350	1	0	0	0	74	66		0								
	0947	2	0	0	0	78	59		0								
	1548	3	0	0	0	90	77		0								
	2148	4	0	0	0	88	76		0								
	MID.	X	0	0	0	77	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0949	1550	2150
ATT. THERM. 60				
OBSERVED BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.535	26.565	26.480	26.510
BAROGRAPH 64	26.510	26.550	26.470	26.485
BAR. CORR. 65	+.025	+.015	+.010	+.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 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
90	59	0	0	0	25	SW	1743*					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 0425 SUNSET 1904

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0955P / 2051 /

* LAST OF SEVERAL OCCURANCES

1552 / APP 715 / 0500 – 17

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: JUN 17 1987

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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			094	68	27	16	07		990	603	WRC
SA	0150	CLR	20			083	71	25	15	06		990		WRC
SA	0250	CLR	20			084	68	27	01	03		990		WRC
SA	0354	CLR	20			087	69	30	21	07		991	303 66 RADAT 20138	JP
SA	0453	CLR	20			094	63	32	34	08		992		JP
SA	0556	CLR	20			103	70	33	36	04		995		JP
SA	0657	CLR	20			106	73	35	23	09		996	217	JP
SA	0755	CLR	20			107	76	36	24	11		996		JP
SA	0857	CLR	20			106	79	35	23	16		996		JP
SA	0956	CLR	20			106	83	31	23	17		996	400 62	JP
SA	1058	CLR	20			105	85	21	24	17		996		JP
SA	1155	CLR	20			102	88	15	22	15		995		JP
SA	1256	CLR	20			095	89	17	22	13		993	810	JP
SA	1353	CLR	20			089	90	16	22	15		992		JP
SA	1452	CLR	20			087	90	18	24	16	625	991		JP
SA	1552	CLR	20			085	89	21	19	12	623	991	608 91 RADAT 20139	WRC
SA	1652	CLR	20			082	89	21	21	12	625	988		WRC
SA	1752	CLR	20			077	88	20	19	12	620	987		WRC
SA	1852	CLR	20			075	86	18	21	15		987	608	WRC
SA	1952	CLR	20			083	84	22	21	12	622	990		WRC
SA	2050	CLR	20			090	80	24	21	07		992		WRC
SA	2152	CLR	20			091	78	23	24	09		993	115 91	WRC
SA	2250	CLR	20			092	75	21	24	09		993		WRC
SA	2350	CLR	20			084	78	19	21	10		991		WRC

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_tR$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 17 1987

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	26.500			21	0															0	6	.010			00-01
01 50	26.500			18	0															0					01-02
02 50	26.500			22	0															0					02-03
03 54	26.510			23	0															0	3	.010			03-04
04 53	26.520			31	0															0					04-05
05 56	26.550			26	0															0					05-06
06 57	26.560			25	0															0	2	.050			06-07
07 55	26.560			24	0															0					07-08
08 57	26.560			20	0															0					08-09
09 56	26.560			15	0															0	4	.000			09-10
10 57	26.560			9	0															0					10-11
11 55	26.550			7	0															0					11-12
12 56	26.530			7	0															0	8	.030			12-13
13 53	26.520			7	0															0					13-14
14 52	26.510			7	0															0					14-15
15 52	26.505			8	0															0	6	.025			15-16
16 52	26.490			8	0															0					16-17
17 52	26.490			8	0															0					17-18
18 52	26.480			8	0															0	6	.025			18-19
19 52	26.500			10	0															0					19-20
20 50	26.520			12	0															0					20-21
21 52	26.525			13	0															0	1	.045			21-22
22 50	26.525			13	0															0					22-23
23 50	26.510			11	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	71	66	X	X						X		
	0352	1	0	0	0	77	66		0								
	0953	2	0	0	0	83	62		0								
	1548	3	0	0	0	91	82		0								
	2148	4	0	0	0	89	78		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1550	2150
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.560	26.505	26.525
BAROGRAPH 64	26.490	26.535	26.505	26.525
BAR. CORR. 65	+020	+025	±0.0	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	62	0	0	0	33	SW	1424					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 0425 SUNSET 1904

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1052 5P/ 2130P/

* BAROGRAPH CHANGED & RESET TO ZERO –

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: JUN 18 1987

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			088	67	22	00	00		991	605	WRG
SA	0150	CLR	20			090	70	22	02	04		992		WRG
SA	0250	CLR	20			095	66	24	03	09		993		WRG
SA	0353	CLR	20			098	66	29	00	00		994	210 65 RADAT 20138	JP
SA	0452	CLR	20			104	65	32	34	03		995		JP
SA	0553	CLR	20			106	69	36	32	05		996		JP
SA	0654	CLR	20			116	74	35	25	10		000	317	JP
SA	0752	CLR	20			121	75	34	29	07		001		JP
SA	0853	CLR	20			125	77	34	23	06		002		JP
SA	0952	CLR	20			122	80	33	22	09		001	003 63	JP
SA	1055	CLR	20			121	84	30	19	07		001		JP
SA	1156	CLR	20			115	85	29	25	09		000		JP
SA	1252	CLR	20			114	88	30	24	12		999	807	JP
SA	1357	CLR	20			114	89	28	22	12		999		JP
SA	1450	CLR	20			107	90	28	20	08		996		JP
SA	1550	CLR	20			102	91	25	19	10		995	810 91 RADAT 20140	WB
SA	1650	CLR	20			104	90	26	23	10		995		WB
SA	1752	CLR	20			098	88	26	25	10		994		WB
SA	1855	CLR	20			097	85	26	22	08		994	703	WB
SA	1950	CLR	20			100	82	21	24	04		995		WB
SA	2053	CLR	20			106	74	26	04	03		996		WB
SA	2152	CLR	20			105	72	28	05	03		995	003 91	WB
SA	2253	CLR	20			107	70	28	01	07		996		WB
SA	2355	CLR	20			103	70	28	03	06		995		WB

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

FM12-VII: $\text{Iiiii}\ ^{*}\text{iR}_{x}\text{hVV}_{e}\text{Nddff}_{\text{c}}\ 1s_{n}\text{TTT}\ 2s_{n}\text{T}_{d}\text{T}_{d}\text{T}_{d}\ 3\text{P}_{o}\text{P}_{o}\text{P}_{o}\text{P}_{o}\ 4\text{PPPP}\ 5\text{appp}\ 6\text{RRR}t_{R}\ 7\text{ww}\text{W}_{1}\text{W}_{2}\ 8\text{N}_{h}\text{C}_{L}\text{C}_{M}\text{C}_{H}$ plus regional and national data groups.

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

☆U.S.GPO.1984-0-764-006/5065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 18 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.510			18	0															0	6	.015			00-01
01 50	26.520			16	0															0					01-02
02 50	26.530			20	0															0					02-03
03 53	26.540			25	0															0	2	.030			03-04
04 52	26.550			29	0															0					04-05
05 53	26.560			30	0															0					05-06
06 54	26.590			24	0															0	3	.050			06-07
07 56	26.600			22	0															0					07-08
08 53	26.610			21	0															0					08-09
09 52	26.600			18	0															0	0	.010			09-10
10 55	26.600			14	0															0					10-11
11 56	26.590			13	0															0					11-12
12 52	26.580			13	0															0	8	.030			12-13
13 51	26.580			11	0															0					13-14
14 50	26.560			11	0															0					14-15
15 50	26.550			9	0															0	8	.030			15-16
16 50	26.550			10	0															0					16-17
17 52	26.540			11	0															0					17-18
18 55	26.540			12	0															0	7	.010			18-19
19 50	26.550			10	0															0					19-20
20 53	26.555			17	0															0					20-21
21 52	26.550			19	0															0	0	.000			21-22
22 53	26.560			21	0															0					22-23
23 55	26.550			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 0357	X	0	0	X	78	65	X	X						X		
	0357	1	0	0	0	78	65		0								
	0950	2	0	0	0	80	63		0								
	1549	3	0	0	0	91	79		0								
	2151	4	0	0	0	91	72		0								
	MID.	X	0	0	0	73	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1549	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.600	26.550	26.550
BAROGRAPH 64	26.540	26.600	26.560	26.550
BAR. CORR. 65	0	0	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	63	0	0	0	27	SW	0900					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 0425 SUNSET 1905

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1063 2P/1650P/

☆ U.S. Government Printing Office: 1986—654-383

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: JUN 10 1987

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0057	CLR	20			096	68	28	04	09		993	807	008
SA	0150	CLR	20			096	67	28	03	09		993		008
SA	0250	CLR	20			100	64	28	04	07		994		008
SA	0350	CLR	20			107	62	29	03	06		996	310 62	008
SA	0453	CLR	20			111	63	28	25	03		997		008
SA	0554	CLR	20			111	67	30	00	00		997	RADAT 27141	JP
SA	0653	CLR	20			113	75	33	00	00		999	207	JP
SA	0756	CLR	20			110	80	30	00	00		999		JP
SA	0857	CLR	20			110	84	29	00	00		997		JP
SA	0958	CLR	20			110	86	30	24	07		997	FEW CI / 603 1001 61	JP
SA	1055	CLR	20			102	87	30	22	09		995	FEW CI 5	JP
SA	1152	CLR	20			094	89	27	19	11		993	FEW CI 5	JP
SA	1257	250 - SCT	20			086	92	26	20	08		991	720 1001	JP
SA	1350	250 - SCT	20			075	93	20	22	16		987		JP
SA	1452	250 - SCT	20			068	94	18	20	17		985		JP
SA	1551	250 - SCT	20			065	93	21	20	15	G21	984	620 1001 94 RADAT 20144	008
SA	1650	250 - SCT	20			065	92	20	21	14		984		008
SA	1755	250 - SCT	20			061	89	21	22	13	G18	983		008
SA	1850	CLR	20			059	87	21	20	11	G17	983	703	008
SA	1950	CLR	20			054	84	23	14	06		982		008
SA	2050	CLR	20			054	79	27	09	05		982		008
SA	2150	CLR	20			054	84	26	18	15	G20	983	500 43 94	008
SA	2250	CLR	20			051	82	24	31	05		982		008
SA	2350	CLR	20			048	80	25	25	04		981		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 $i_R i_x h VV$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 19 1987

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	26.530			22	0															0	8	.020			00-01
01 50	26.530			23	0															0					01-02
02 50	26.540			26	0															0					02-03
03 50	26.560			29	0															0	3	.030			03-04
04 53	26.570			27	0															0					04-05
05 54	26.570			25	0															0					05-06
06 53	26.580			22	0															0	2	.030			06-07
07 52	26.580			16	0															0					07-08
08 57	26.570			14	0															0					08-09
09 58	26.570			13	0	0	CI	250												0	6	.010			09-10
10 55	26.550			13	0															0					10-11
11 52	26.530			11	0															0					11-12
12 57	26.570			9	1	1	CI	250												0	7	.060			12-13
13 50	26.480			7	1															0					13-14
14 52	26.460			6	2															0					14-15
15 51	26.450			7	2	2	CI	250												1	6	.060			15-16
16 50	26.450			7	2															1					16-17
17 55	26.440			8	2															1					17-18
18 50	26.440			9	0															0	7	.010			18-19
19 50	26.430			11	0															0					19-20
20 50	26.430			15	0															0					20-21
21 50	26.440			12	0															0	5	.000			21-22
22 50	26.430			12	0															0					22-23
23 50	26.420			13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. 79 0348	X	0	0	X	70	62	X	X						X		
	0348	1	0	0	0	73	62		0								
	0954	2	0	0	0	86	61		0								
	1550	3	0	0	0	94	86		0								
	2149	4	0	0	0	93	78		0								
	MID.	X	0	0	0	84	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0958	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.570	26.450	26.440
BAROGRAPH 64	26.560	26.570	26.455	26.435
BAR. CORR. 65	0	-.010	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	61	0	-0	0	26	SW	1423					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1905

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 105 SA 1643P1

SA 1452/1452

2150/93/94/2150

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: JUN 20 1987

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 INITIALS (15)
SA	0050	CLR	20			046	79	21	16	04		981	607	008
SA	0150	CLR	20			046	73	20	08	04		980		008
SA	0250	CLR	20			046	70	21	06	04		980		008
SA	0354	CLR	20			059	68	25	27	05		983	307 67 RAOAT 21133	JP
SA	0456	CLR	20			069	64	30	36	07		985		JP
SA	0555	CLR	20			071	70	35	34	06		986		JP
SA	0654	CLR	20			074	74	34	00	00		987	114	JP
SA	0757	CLR	20			075	76	34	00	00		987		JP
SA	0853	CLR	20			075	80	34	23	06		987		JP
SA	0954	CLR	20			068	83	32	21	10		986	803 64	JP
SA	1055	CLR	20			067	85	32	23	12		986		JP
SA	1153	CLR	20			064	87	30	24	08		985		JP
SA	1250	CLR	20			059	90	32	24	08		984	807	JP
SA	1354	CLR	20			053	92	31	23	10		982		JP
SA	1453	CLR	20			046	93	30	21	13		980		JP
SA	1550	CLR	20			045	92	23	22	12		979	617 43 RADAT 20140	008
SA	1657	CLR	20			046	92	25	23	13		979		008
SA	1750	CLR	20			041	90	23	20	11		978		008
SA	1850	CLR	20			044	87	18	22	11		979	500	008
SA	1955	CLR	20			048	83	15	23	08		980		008
SA	2050	CLR	20			048	80	18	13	04		980		008
SA	2150	CLR	20			054	74	21	05	08		981	207 93	008
SA	2250	CLR	20			054	71	23	04	04		981		008
SA	2352	CLR	20			054	69	22	03	08		981		008

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 30 1987

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	WET BULB CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	50	26.420			11	0														0	6	.020				00-01
01	50	26.410			13	0														0						01-02
02	50	26.410			16	0														0						02-03
03	54	26.440			19	0														0	3	.030				03-04
04	56	26.460			28	0														0						04-05
05	55	26.470			28	0														0						05-06
06	54	26.480			23	0														0	1	.040				06-07
07	57	26.480			22	0														0						07-08
08	53	26.480			19	0														0						08-09
09	54	26.470			16	0														0	8	.010				09-10
10	55	26.470			15	0														0						10-11
11	53	26.460			13	0														0						11-12
12	50	26.450			13	0														0	8	.030				12-13
13	54	26.430			11	0														0						13-14
14	53	26.410			11	0														0						14-15
15	50	26.400			8	0														0	6	.030				15-16
16	51	26.400			9	0														0						16-17
17	50	26.390			9	0														0						17-18
18	50	26.400			8	0														0	5	.000				18-19
19	55	26.410			8	0														0						19-20
20	50	26.410			10	0														0						20-21
21	50	26.420			14	0														0	2	.020				21-22
22	50	26.420			16	0														0						22-23
23	52	26.420			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 0352		0	0		81	67										
	0352	1	0	0	0	84	67		0								
	0951	2	0	0	0	82	64		0								
	1549	3	0	0	0	93	82		0								
	2149	4	0	0	0	92	74		0								
	MID.		0	0	0	74	69										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.470	26.400	26.420
BAROGRAPH 64	26.430	26.470	26.40	26.420
BAR. CORR. 65	+010	0	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	64	0	0	0	22	SW	1709					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 0426 SUNSET 1905

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1071SP/1649P/

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: JUN 21 1987

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)	OP. REMARKS (15)
SA	0050	CLR	20			048	71	27	04	06		980	803	008
SA	0150	CLR	20			048	69	29	03	07		980		008
SA	0250	CLR	20			048	66	30	03	07		980		008
SA	0353	CLR	20			057	65	31	00	00		982	307 65 RADAT 20154	EP
SA	0458	CLR	20			061	65	32	21	03		983		EP
SA	0552	CLR	20			064	69	32	00	00		984		EP
SA	0651	CLR	20			065	76	33	25	03		985	210	EP
SA	0751	CLR	20			070	79	31	22	07		986		EP
SA	0850	CLR	20			070	82	32	18	05		986		EP
SA	0953	CLR	20			067	85	31	32	04		985	000 62	EP
SA	1052	CLR	20			059	90	31	25	13	G23	983		EP
SA	1150	CLR	20			055	92	29	22	18	G25	982		EP
SA	1252	CLR	20			046	93	26	23	19	G26	980	SC NW/817 1500	EP
SA	1352	CLR	20			036	93	28	21	17		976	AC OSWT NW	EP
SA	1453	CLR	20			033	93	27	21	19	G25	975	FEW CI	EP
SA	1556	CLR	20			030	93	25	21	12	G22	974	AC NW / 617 1070 95 RADAT 39158	JS
SA	1650	CLR	20			026	92	27	21	14		973	ACSL W-NW CI NW	JS
SA	1750	250 - SCT	20			026	89	29	21	10	G24	973	ACSL W-N	JS
SA	1858	140 SCT 250 - BKN	20			026	87	35	19	11		974	500 1071	JS
SA	1955	250 SCT	20			030	85	38	21	11		975		JS
SA	2054	CLR	20			034	83	38	21	12		976	CS SE	JS
SA	2151	CLR	20			034	83	37	22	10		976	107 95	JS
SA	2250	CLR	20			038	80	38	23	12		979		JS
SA	2350	CLR	20			056	76	36	29	07		983		JS

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:1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 21 1987

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	26.410			19	0															0	8	.010			00-01
01 52	26.410			22	0															0					01-02
02 50	26.410			26	0															0					02-03
03 53	26.430			28	0															0	3	.020			03-04
04 58	26.440			29	0															0					04-05
05 52	26.450			25	0															0					05-06
06 51	26.460			21	0															0	2	.030			06-07
07 51	26.470			17	0															0					07-08
08 50	26.470			16	0															0					08-09
09 53	26.460			15	0															0	0	.000			09-10
10 52	26.440			12	0															0					10-11
11 50	26.430			11	0															0					11-12
12 52	26.410			9	0	0	Sc	100												0	8	.050			12-13
13 52	26.380			10	0															0					13-14
14 53	26.370			9	0															0					14-15
15 56	26.360			9	0	0	Ac	140												0	6	.050			15-16
16 50	26.350			10	0															0					16-17
17 50	26.350			11	1															0					17-18
18 58	26.360			16	7	3	AC	140	4	CI	250	7								8	5	.000			18-19
19 55	26.370			19	2															2					19-20
20 51	26.380			21	0															0					20-21
21 51	26.380			20	0															0	1	.020			21-22
22 50	26.400			23	0															0					22-23
23 50	26.440			24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	72	65	X	X						X		
	0349	1	0	0	0	74	65		0								
	0949	2	0	0	0	85	62		0								
	1552	3	0	0	0	95	85		0								
	2150	4	0	0	0	93	82		0								
	MID.	X	0	0	0	83	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.460	26.360	26.380
BAROGRAPH 64	26.430	26.460	26.370	26.400
BAR. CORR. 65	0	+0	-.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 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	62	0	0	0	28	SW	1424					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0426 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1105PST/1558PST

BAROGRAPH CHANGED 0955P COR. TO 0

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [illegible]

DATE JUN 22 1987

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	0057	CLR	20			064	73	32	02	07		985	227	JS
SA	0151	CLR	20			069	71	32	04	07		986		JS
SA	0250	CLR	20			072	71	22	04	09		987		JS
SA	0357	250-BKN	20			080	70	31	20	04		990	314 1001 68	JS
													RADAT 20145	
SA	0451	250-BKN	20			093	70	32	31	05		993		EP
SA	0551	250-BKN	20			100	73	33	03	07		995		EP
SA	0652	250-BKN	20			113	74	34	06	12		999	227 1001	EP
SA	0753	E250 BKN	20			115	77	33	03	13		000		EP
SA	0850	E250 OVC	20			115	80	33	02	09		000		EP
SA	0952	E250 OVC	20			110	83	32	02	08		999	000 1007 68	EP
SA	1054	250-OVC	20			106	86	30	06	11		997		EP
SA	1152	250-OVC	20			103	88	27	00	00		996		EP
SA	1253	250-BKN	20			095	90	27	33	07		994	814 1007	EP
SA	1351	250-SCT	20			092	93	26	27	05		993		EP
SA	1450	250-SCT	20			084	93	24	00	00		991		EP
SA	1550	250-SCT	20			080	94	21	23	07		990	714 1008 94 RADAT	JS
													20156	
SA	1653	250 SCT	20			075	92	19	36	05		988		JS
SA	1757	250-SCT	20			072	91	21	32	06		987		JS
SA	1850	250 SCT	20			077	87	18	27	06		988	503 1008	JS
SA	1954	250-SCT	20			087	79	19	01	05		991		JS
SA	2057	CLR	20			093	78	17	36	06		993		JS
SA	2154	CLR	20			093	74	18	00	00		993	112 94	JS
SA	2252	CLR	20			090	73	19	12	03		992		JS
SA	2350	CLR	20			091	67	20	07	04		992		JS

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

FM12-VII: Iliii $i_R i_x$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 U.S. BLANK NO. WHICH MAY BE USED

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 22 1987

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	26.460			22	0															0	2	.080			00-01
01 51	26.470			21	0															0					01-02
02 50	26.480			16	0															0					02-03
03 51	26.500			24	7	7	CI	250												2	3	.040			03-04
04 51	26.530			25	9															2					04-05
05 51	26.550			23	9															2					05-06
06 52	26.580			23	9	9	CI	250												4	2	.080			06-07
07 53	26.590			20	9															6					07-08
08 50	26.590			18	10															7					08-09
09 52	26.580			16	10	10	CS	E250												6	0	.000			09-10
10 54	26.570			13	10															4					10-11
11 52	26.560			11	10															2					11-12
12 53	26.540			10	8	8	CS	250												2	8	.040			12-13
13 51	26.530			9	5															1					13-14
14 50	26.510			8	5															1					14-15
15 50	26.500			7	1	1	CS	250												0	7	.040			15-16
16 53	26.485			7	1															1					16-17
17 51	26.480			8	2															1					17-18
18 50	26.490			8	1	1	CS	250												1	5	.010			18-19
19 54	26.510			11	1															0					19-20
20 51	26.525			10	0															0					20-21
21 54	26.525			12	0															0	1	.035			21-22
22 52	26.520			13	0															0					22-23
23 50	26.520			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	76	68	X	X						X		
	0348	1	0	0	0	83	68		0								
	0349	2	0	0	0	83	69		0								
	1548	3	0	0	0	94	82		0								
	2150	4	0	0	0	94	73		0								
	MID	X	0	0	0	M	M		X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0350	1550	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.580	26.500	26.525
BAROGRAPH 64	26.520	26.600	26.515	26.545
BAR. CORR. 65	.020	.020	.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 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
94	66	0	0	0	18	NE	1023					7	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0426 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1055P/2001P

0351/0351

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: JUN 28 1987

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 (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			091	65	21	10	03		992	602	JS
SA	0150	CLR	20			090	65	21	02	05		992		JS
SA	0250	CLR	20			091	65	21	00	00		992		JS
SA	0353	CLR	20			095	62	22	07	04		993	303 1001 61 RADAT 20148	EP
SA	0451	CLR	20			103	65	19	00	00		995		EP
SA	0551	CLR	20			105	68	24	12	05		996		EP
SA	0651	CLR	20			108	75	21	13	04		997	214 1001	EP
SA	0751	250 SCT	20			112	82	20	02	08		999		EP
SA	0851	250 - SCT	20			110	87	22	02	03		999		EP
SA	0953	250 - BKN	20			110	90	24	28	03		999	103 603 1001 61	EP
SA	1050	250 - BKN	20			106	92	24	23	05		997		EP
SA	1150	250 - BKN	20			105	93	26	14	04		996		EP
SA	1253	250 - OVC	20			098	93	24	05	08		994	814 1001	EP
SA	1353	250 - OVC	20			094	95	24	25	10		993		EP
SA	1454	250 - BKN	20			089	96	26	18	09		992		EP
SA	1550	250 - BKN	20			090	95	27	25	06		992	608 1001 97	JS
SA	17	~~250 - BKN~~	20			086	95	27					RADAT 20150	
SA	1850	250 - BKN	20			086	95	27	34	09		991		JS
SA	1953	250 - SCT	20			085	93	27	30	05		991		JS
SA	1954	250 - SCT	20			086	90	28	30	04		992	302 1001	JS
SA	2050	CLR	20			090	82	29	04	08		993	Few Cl	JS
SA	2154	CLR	20			092	81	30	10	06		994		JS
SA	2253	CLR	20			100	80	31	10	06		996	314 97	JS
SA	2350	CLR	20			100	77	33	06	05		996		JS
SA	2352	CLR	20			106	73	34	15	05		998		JS

A synoptic observation using WMO code FM12-VII, as ascribed 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 23 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.520			18	0															0	6	.005			00-01
01 50	26.520			18	0															0					01-02
02 50	26.520			19	0															0					02-03
03 53	26.530			21	0	0	CI	250												0	3	.010			03-04
04 51	26.550			17	0															0					04-05
05 51	26.560			19	0															0					05-06
06 51	26.570			13	0	0	CI	250												0	2	.040			06-07
07 51	26.580			10	1															1					07-08
08 51	26.580			9	2															1					08-09
09 53	26.580			9	6	6	CI	250												1	1	.010			09-10
10 50	26.570			9	8															2					10-11
11 50	26.560			9	9															2					11-12
12 53	26.540			8	10	10	CI	250												2	8	.040			12-13
13 53	26.530			8	10															4					13-14
14 54	26.520			8	9															4					14-15
15 50	26.515			9	8	8	CI	250												3	6	.025			15-16
16 50	26.510			9	8															3					16-17
17 53	26.510			9	4															2					17-18
18 54	26.520			11	2	2	CI	250												1	3	.005			18-19
19 50	26.525			14	0															0					19-20
20 54	26.535			16	0															0					20-21
21 53	26.560			17	0															0	3	.040			21-22
22 50	26.560			20	0															0					22-23
23 52	26.575			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 0349	X	0	0	X	70	61	X	X						X		
	0349	1	0	0	0	74	61		0								
	0949	2	0	0	0	90	61		0								
	1548	3	0	0	0	97	90		0								
	2150	4	0	0	0	96	78		0								
	MID.	X	0	0	0	85	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.580	26.515	26.560
BAROGRAPH 64	26.540	26.595	26.525	26.560
BAR. CORR. 65	-.010	-.015	-.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 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
97	61	0	0	0	19	E	1225					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 0426 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10835P/2249P/

0953/APP 103 1215P

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: JUN [redacted] 21 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			109	74	33	04	07		999	307	JS
SA	0151	CLR	20			114	73	33	05	07		000		JS
SA	0250	CLR	20			116	72	33	03	07		001		JS
SA	0353	CLR	20			123	67	34	00	00		002	210 66 RADAT 20151	EP
SA	0451	CLR	20			131	66	34	00	00		004		EP
SA	0552	CLR	20			132	74	36	33	05		005		EP
SA	0652	CLR	20			134	82	34	33	03		006	214	EP
SA	0750	CLR	20			140	86	33	00	00		007		EP
SA	0851	CLR	20			134	90	34	14	10		006		EP
SA	0950	CLR	20			134	92	32	13	12 ~~G34~~		006	000 65	EP
SA	1057	CLR	20			133	96	32	14	08 ~~G31~~		006	~~PK WND 1337/07~~	EP
SA	1151	CLR	20			131	96	33	08	05		005		EP
SA	1252	CLR	20			126	98	34	07	10		004	807 1001	EP
SA	1355	CLR	20			122	98	33	12	08		003	CI N	EP
SA	1453	CLR	20			110	100	33	12	09		000	CI N	EP
SA	1550	CLR	20			110	98	32	02	04		999	717 00 RADAT 20156	CH
SA	1650	CLR	20			107	98	32	05	05		997		CH
SA	1750	CLR	20			104	97	32	02	03		997		CH
SA	1850	CLR	20			100	95	33	10	10		997	603	CH
SA	1950	CLR	20			105	88	34	13	07		999		CH
SA	2050	CLR	20			109	85	34	13	07		000		CH
SA	2150	CLR	20			112	83	32	13	04		001	210 00	CH
SA	2250	CLR	20			115	76	34	00	00		001		CH
SA	2350	CLR	20			118	76	34	03	06		002		CH

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN [redacted] 1987

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	26.580			23	0															0	3	.020			00-01
01 51	26.590			23	0															0					01-02
02 50	26.600			24	0															0					02-03
03 53	26.610			29	0															0	2	.030			03-04
04 51	26.630			30	0															0					04-05
05 52	26.640			25	0															0					05-06
06 52	26.650			18	0															0	2	.040			06-07
07 50	26.660			15	0															0					07-08
08 51	26.650			14	0															0					08-09
09 50	26.650			12	0															0	0	.000			09-10
10 57	26.650			11	0															0					10-11
11 51	26.640			11	0															0					11-12
12 52	26.630			11	0	0	CI	250												0	8	.020			12-13
13 55	26.620			10	0															0					13-14
14 53	26.590			10	0															0					14-15
15 50	26.580			10	0															0	7	.050			15-16
16 50	26.570			10	0															0					16-17
17 50	26.570			10	0															0					17-18
18 50	26.570			11	0															0	6	.010			18-19
19 50	26.580			15	0															0					19-20
20 50	26.590			16	0															0					20-21
21 50	26.600			16	0															0	2	.030			21-22
22 50	26.600			22	0															0					22-23
23 50	26.610			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	95	66	X	X						X		
	0349	1	0	0	0	85	66		0								
	0947	2	0	0	0	93	65		0								
	1548	3	0	0	0	100	92		0								
	2148	4	0	0	0	99	82		0								
	MID.	X	0	0	0	85	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.650	26.580	26.600
BAROGRAPH 64	26.630	26.660	26.586	26.600
BAR. CORR. 65	-.020	-.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 UNHLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	65	0	0	0	14	SE	1010					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 0426 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1044P/ 1833A

[illegible]

0950/ WND GUST ~~omit~~ OMIT / 1145

1057/ WND GUST OMIT / 1145

1057/ PK WND OMIT / 1145

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 JUN 25 1987

TO CONVERT LST TO GMT ADD 8 HRS. SUBTRACT

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. (Miss.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. METHOD (15)
SA	0050	CLR	20			116	77	33	05	09		002	103	CH
SA	0150	CLR	20			122	73	32	00	00		003		CH
SA	0250	CLR	20			121	73	32	00	00		003		CH
SA	0353	CLR	20			124	71	33	02	05		003	103 1001 71 RADAT 28148	~~CH~~
SA	0450	CLR	20			133	68	33	00	00		005	FEW C1	~~CH~~
SA	0555	CLR	20			134	75	35	00	00		006	FEW C1	~~CH~~
SA	0654	~~CLR~~ 250 SCT	20			134	83	36	18	03		007	114 1001	~~CH~~
SA	0756	250 SCT	20			135	89	34	14	05		007		~~CH~~
SA	0853	250 -BKN	20			133	92	29	09	08		007		~~CH~~
SA	0950	250 -BKN	20			128	95	29	13	09		006	805 1006 68	~~CH~~
SA	1055	250 - BKN	20			129	97	30	26	08		005	FEW CU	~~CH~~
SA	1151	250 - BKN	20			127	96	31	03	09		004	FEW CU	~~CH~~
SA	1255	E 250 BKN	20			116	98	32	17	09		002	812 1102	~~CH~~
SA	1350	E 250 BKN	20			114	100	32	34	05		001	FEW CU	~~CH~~
SA	1452	E 250 OVC	20			106	101	32	26	11		999	BINOVC FEW CU	~~CH~~
SA	1550	E 250 OVC	20			104	99	32	16	07		997	714 1102 02	
													RADAT 53147	CH
SA	1650	E 250 OVC	20			103	98	30	17	08		996		CH
SA	1750	E 250 OVC	20			100	97	33	19	12		996		CH
SA	1850	E 250 OVC	20			100	96	32	20	10		997	500 1002	CH
SA	1950	E 250 OVC	20			102	93	29	21	10		999		CH
SA	2050	E 250 OVC	20			105	90	30	19	07		000		CH
SA	2150	E 250 BKN	20			108	90	32	21	10		001	210 1002 02	CH
SA	2250	E 250 BKN	20			108	90	30	21	16		001		CH
SA	2350	E 250 BKN	20			108	89	30	21	11		001		CH

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 25 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.610			20	0															0	1	.010			00-01
01 50	26.620			22	0															0					01-02
02 50	26.620			22	0															0					02-03
03 53	26.620			25	0	0	CI	250												0	1	.010			03-04
04 50	26.640			27	0															0					04-05
05 53	26.650			23	0															0					05-06
06 54	26.660			19	1	1	CI	250												1	1	.040			06-07
07 56	26.660			14	3															2					07-08
08 53	26.655			11	7															3					08-09
09 50	26.645			10	7	7	CI	250												3	8	.015			09-10
10 55	26.640			9	7															3					10-11
11 51	26.630			10	7															3					11-12
12 55	26.610			10	8	0	CU	90	8	CI	E250	8								6	8	.035			12-13
13 50	26.600			9	9															7					13-14
14 52	26.580			9	10															9					14-15
15 50	26.570			10	10	0	CU	100	10	CI	E250	10								9	7	.040			15-16
16 50	26.560			9	10															9					16-17
17 50	26.560			11	10															9					17-18
18 50	26.570			11	10	10	CI	E250												9	5	.000			18-19
19 50	26.580			10	10															8					19-20
20 50	26.590			12	10															8					20-21
21 50	26.600			13	8	8	CI	E250												7	2	.030			21-22
22 50	26.600			12	8															6					22-23
23 50	26.600			12	8															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	HR. 43	PRECIP. (Ins.) 44	SNOWFALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATION PRESSURE (Ins.) 50	51	52	53	54	55	WET TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	77	71	X	X						X		
	0348	1	0	0	0	85	71		0								
	0945	2	0	0	0	95	68		0								
	1548	3	0	0	0	102	94		0								
	2148	4	0	0	0	99	90		0								
	MID.	X	0	0	0	90	88	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.645	26.570	26.600
BAROGRAPH 64	26.625	26.645	26.575	26.600
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 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
102	68	0	0	0	18	SW	2310					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0427 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1061GP/1601P/

0631/0651

* BAROGRAPH CHANGED

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: JUNE 26, 1987

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 (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	E250 BKN	20			112	89	32	21	17		002	303 1002	CH
SA	0150	E 250 BKN	20			112	87	32	21	10		002		CH
SA	0250	E 250 BKN	20			112	85	32	23	08		002		CH
SA	0350	160 SCT 250 - BKN	20			115	80	33	02	05		002	400 1082 79 RADAT 50148	CH
SA	0450	150 SCT E250 BKN	20			125	75	34	03	08		004	VIRGA NW	CH
SA	0550	150 SCT E 250 OVC	20			124	79	36	04	08		004	VIRGA ALQDS	CH
SA	0651	E150 BKN 250 OVC	20			128	86	35	29	07		006	VIRGA SW / 214 1082	CH
SA	0755	150 SCT E250 OVC	20			133	88	34	29	07		007	BINOVC	CH
SA	0851	150 SCT E 250 OVC	20			134	90	35	29	04		007	BINOVC CU SE	CH
SA	0952	90 SCT E160 BKN 250 OVC	20			128	91	36	30	05		006	BINOVC / 000 1472 74	CH
SA	1055	90 SCT 160 SCT E 250 BKN	20			127	96	38	19	08		006		CH
SA	1151	90 SCT 160 SCT E 250 BKN	20			124	97	37	25	11	G18	005		CH
SA	1252	90 SCT 160 SCT E 250 BKN	20			120	98	37	23	14	G33	004	807 1172	CH
SA	1351	90 SCT 160 SCT E 250 BKN	20			112	98	38	21	08	G20	002		CH
SA	1455	90 SCT 160 SCT E 250 BKN	20			110	98	38	25	09		001		CH
SA	1550	90 SCT 160 SCT E 250 BKN	20			107	99	38	27	10		000	714 1172 00	
						—	—	—					RADAT 51151	CH
SA	1650	90 SCT 160 SCT E250 BKN	20			104	97	38	25	08		997		CH
SA	1750	90 SCT 160 SCT E250 BKN	20			101	96	37	24	07		997		CH
SA	1850	90 SCT 160 SCT E250 BKN	20			103	94	37	26	06		999	503 1172	CH
SA	1950	90 SCT 250 SCT	20			110	86	38	06	05		000		CH
SA	2050	90 SCT 250 SCT	20			115	83	39	10	05		001		CH
SA	2150	90 SCT 250 SCT	20			113	85	39	09	04		001	107 1102 00	CH
SA	2250	90 SCT 250 SCT	20			115	84	39	00	00		002		CH
SA	2350	90 SCT 250 SCT	20			110	82	38	00	00		001		CH

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

FM12-VII: IIiii $i_R i_x$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 (1-62) WHICH MAY BE USED.

U.S.G.P.O. 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 26, 1987

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			13	7	7	CI	E250												5	3	.010			00-01
01 50	26.610			14	7															5					01-02
02 50	26.610			15	7															5					02-03
03 50	26.610			18	8	2	AC	160	6	CI	250	8								3	4	.000			03-04
04 50	26.630			22	9															9					04-05
05 50	26.630			21	10															9					05-06
06 51	26.650			16	10	7	AC	E150	3	CI	250	10								9	2	.040			06-07
07 55	26.660			15	10															8					07-08
08 51	26.660			14	10															8					08-09
09 52	26.650			14	10	1	SC	90	6	AC	E160	7	3	CI	250	10				8	0	.000			09-10
10 55	26.650			13	9															7					10-11
11 51	26.640			13	8															6					11-12
12 52	26.630			12	8	2	CU	90	2	AC	160	4	4	CI	E250	8				7	8	.020			12-13
13 51	26.610			13	9															8					13-14
14 55	26.600			13	8															7					14-15
15 50	26.590			12	8	2	CU	90	2	AC	160	4	4	CI	E250	8				7	7	.040			15-16
16 50	26.570			13	8															7					16-17
17 50	26.570			13	8															6					17-18
18 50	26.580			14	8	2	CU	90	2	AC	160	4	4	CI	E250	8				5	5	.010			18-19
19 50	26.590			18	4															4					19-20
20 50	26.600			21	4															4					20-21
21 50	26.600			20	4	2	CU	90	2	CI	250	4								4	1	.020			21-22
22 50	26.610			20	4															4					22-23
23 50	26.600			21	4															4					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 0346	X	0	0	X	89	79	X	X						X		
	0346	1	0	0	0	90	79		0								
	0948	2	0	0	0	92	74		0								
	1548	3	0	0	0	100	91		0								
	2148	4	0	0	0	99	83		0								
	MID.	X	0	0	0	85	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.650	26.590	26.600
BAROGRAPH 64	26.610	26.655	26.590	26.600
BAR. CORR. 65	0	-.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 (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 MARK 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	74	0	0	0	33	SW	1245					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0427 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10722P/1952P/

☆ U.S. Government Printing Office: 1986—654-383

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: JUNE 27, 1987

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	250 SCT	20			113	77	38	00	00		001	D00 1002	CH
SA	0150	250 SCT	20			114	76	39	00	00		001		CH
SA	0250	250 SCT	20			115	73	38	05	04		001		CH
SA	0352	CLR	20			119	71	39	13	04		002	303 1070 71 RADAT 64142	~~CH~~
SA	0456	CLR	20			124	71	38	25	07		003		~~CH~~
SA	0550	CLR	20			127	74	40	06	03		004	FEW AC	~~CH~~
SA	0650	CLR	20			123	84	41	00	00		004	107 1080	~~CH~~
SA	0750	CLR	20			125	87	38	22	11		004	CU SE	~~CH~~
SA	0852	CLR	20			123	89	38	22	09		003	TCU SE	~~CH~~
SA	0953	CLR	20			116	93	39	22	08		002	807 1200 70	~~CH~~
SA	1054	90 SCT	20			111	96	38	21	10		001	CB DSNT N	~~CH~~
SA	1153	90 SCT	20			106	99	38	26	07		000	CB SE	~~CH~~
SA	1254	90 SCT 250 SCT	20			100	100	37	23	10		997	814 1201	~~CH~~
SA	1350	90 SCT 250 SCT	20			088	101	37	23	11		994	TCU SE	~~CH~~
SA	1452	90 SCT 250 SCT	20			083	101	36	24	10		992	CB SE	~~CH~~
SA	1550	90 SCT 250 SCT	20			077	100	35	24	06		990	TCU SE/7241201 02	
													RADAT 20152	CH
SA	1650	90 SCT 250 SCT	20			074	100	33	30	05		988		CH
SA	1750	90 SCT 250 SCT	20			068	99	36	24	08		987		CH
SA	1850	90 SCT 250 SCT	20			069	96	36	25	08		988	503 1102	CH
SA	1950	90 SCT 250-BKN	20			070	91	36	26	10		988	OCNL LTG DSNT N	CH
SA	2050	90 SCT 250-BKN	20			089	88	39	04	14	G26	994	~~PRESRR~~	CH
SA	2150	90 SCT 250-BKN	20			095	87	41	04	15	G23	996	124 1102 02	CH
SA	2250	90 SCT 250-BKN	20			102	86	40	02	10		999		CH
SA	2350	250-SCT	20			099	81	42	04	09		997		CH

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

FM12-VII: 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 (1-62) WHICH MAY BE USED.

☆U.S.GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 27, 1987

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	WET BULB CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			25	4	4	CI	250												4	0	.000			00-01
01 50	26.600			27	4															4					01-02
02 50	26.600			28	3															3					02-03
03 52	26.610			31	0	0	AC	140												0	3	.010			03-04
04 56	26.620			30	0															0					04-05
05 50	26.630			29	0															0					05-06
06 50	26.630			22	0	0	AC	140												0	1	.020			06-07
07 50	26.630			17	0															0					07-08
08 52	26.620			17	0															0					08-09
09 53	26.610			15	0	0	CU	90												0	8	.020			09-10
10 54	26.600			13	1															1					10-11
11 53	26.590			12	1															1					11-12
12 54	26.570			11	1	1	CU	90	0	CI	250	1								1	8	.040			12-13
13 50	26.540			11	1															1					13-14
14 52	26.520			11	1															1					14-15
15 50	26.500			11	2	1	TCU	90	1	CI	250	2								2	7	.070			15-16
16 50	26.490			10	2															2					16-17
17 50	26.480			11	4															3					17-18
18 50	26.490			12	4	1	CU	90	3	CI	250	4								3	5	.010			18-19
19 50	26.490			15	7															3					19-20
20 50	26.540			18	7															3					20-21
21 50	26.560			20	8	2	CU	90	6	CI	250	8								3	1	.070			21-22
22 50	26.580			20	6															2					22-23
23 50	26.570			25	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	83	71	X	X						X		
	0348	1	0	0	0	85	71		0								
	0948	2	0	0	0	93	70		0								
	1548	3	0	0	0	102	93		0								
	2148	4	0	0	0	102	87		0								
	MID.	X	0	0	0	87	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.610	26.560	26.560
BAROGRAPH 64	26.590	26.605	26.490	26.550
BAR. CORR. 65	+.020	+.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 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
102	70	0	0	0	29	NE	2022					1	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 0427 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060 2P / 2222P /

2050 / 2050

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: JUNE 28, 1987

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 WITHHELD (15)
SA	0050	250 - SCT	20			099	80	42	06	09		997	003 1002	CH
SA	0150	250 - SCT	20			095	78	43	05	09		996		CH
SA	0250	250 - SCT	20			096	77	43	06	08		996		CH
SA	0350	250 - SCT	20			094	74	42	04	07		995	807 1001 73 RADAT 53145	CRD
SA	0450	250 - SCT	20			097	75	43	26	03		996		CRD
SA	0555	250 - BKN	20			098	75	44	07	05		997		CRD
SA	0650	250 - OVC	20			097	83	42	03	10		997	105 1007	CRD
SA	0753	250 - OVC	20			096	87	42	05	09		996		CRD
SA	0854	250 - OVC	20			092	91	42	23	08		995		CRD
SA	0952	250 - BKN	20			083	94	41	34	05		993	BLDG CU ~~NW~~ SE ~~SE~~ NW/712	CRD
													~~1208~~ ~~712~~ 1108 72	
SA	1050	250 - SCT	20			083	96	40	32	05		993	CB E-SE NW	CRD
SA	1150	80 SCT 250 SCT	20			077	97	39	24	11		991	CB NW-SE	CRD
SA	1255	80 SCT	20			065	99	39	22	08 G17		987	CB ALQDS/317 17000	CRD
SA	1355	80 SCT 250 SCT	20			061	100	39	26	10 G19		986	CB NW-SE	CRD
SA	1453	80 SCT E250 BKN	20		RW-	058	96	38	28	06		984	CB OVHD NW-SE RB 52	CRD
SP	1506	80 SCT E250 BKN	20		T				36	16 G21		985	T OVHD BOS MOVG N CB	CRD
													NW-SE RE03	
SA	1559	E80 BKN 250 OVC	20		TRW-	083	84	47	25	07 G18		990	T OVHD BOS LTL MOVMT	CRD
													CB ALQDS RB10/30700	
													1903 01 RADAT 7/137	
SA	1655	E80 OVC	20		TRW-	069	81	48	03	15		985	T N MOVG N	CG
SP	1706	E80 BKN 250 OVC	20						11	16		985	TE05 RE05 T MOVD N	CG
SA	1753	E80 BKN 250 OVC	20			068	82	50	14	07		985	TE05 RE05 T MOVD N CB N	CG
SA	1854	80 SCT E250 OVC	20			073	81	53	06	05		987	CB N/50709 1308	CG
SA	1950	80 SCT E250 OVC	20			072	78	54	09	07		987		CG
SA	2054	80 SCT E250 OVC	20			074	78	51	04	04		988		CG
SA	2158	80 SCT 140 SCT E250 OVC	20			075	82	46	03	11		990	30709 1178 01	CG
SP	2209	80 SCT E140 BKN 250 BKN	20		TRW-				04	15		990	TB08 RB08 T S MOVD N	CG
													LTGIC S	
SP	2250	80 SCT E140 BKN 250 BKN	20		RW-				02	08		990	TE35 T MOVD N	CG
SA	2258	80 SCT E140 BKN 250 BKN	20		RW-	077	81	41	14	04		991	TE35 T MOVD N	CG
SA	2357	140 SCT 250 BKN	20			078	77	46	05	10		991	RE10	CG

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

FM12-VII: Hiii $i_R i_x$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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 28, 1987

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	PRESSURE 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	Hr. 00-01
00 50	26.570			26	2	2	C1	250												0	0	.010			
01 50	26.560			29	3															1					01-02
02 50	26.560			30	4															1					02-03
03 50	26.550			32	4	4	C1	250												2	8	.020			03-04
04 50	26.560			32	5															2					04-05
05 55	26.565			33	7															3					05-06
06 50	26.565			24	10	10	Cs	250												4	1	.015			06-07
07 53	26.560			21	10															4					07-08
08 54	26.550			18	10															3					08-09
09 52	26.530			16	8	0	Cu	80	8	Cs	250	8								2	7	.035			09-10
10 50	26.530			14	3															1					10-11
11 50	26.510			13	4															3					11-12
12 55	26.480			13	3	3	CB	80												3	8	.050			12-13
13 55	26.465			12	5															5					13-14
14 53	26.450			17	9															7					14-15
15 59	26.500			28	10	8	CB	E80	2	C1	250	10								10	3	.020			15-16
16 55	26.480			32	10															10					16-17
17 53	26.460			33	10															10					17-18
18 54	26.480			38	10	5	CB	80	5	Cs	E250	10								10	5	.020			18-19
19 50	26.480			44	10															10					19-20
20 54	26.490			39	10															10					20-21
21 58	26.500			23	10	1	Cu	80	3	Ac	140	4	6	Cs	E250	10				10	3	.020			21-22
22 58	26.510			24	8															7					22-23
23 57	26.510			34	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	82	73	X	X						X		
	0347	1	0	0	0	87	73		0								
	0948	2	0	0	0	94	72		0								
	1555	3	T	0	0	101	83		1								
	2153	4	.09	0	0	88	74		1								
	MID.	X	.02	0	0	83	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1559	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.530	26.500	26.500
BAROGRAPH 64	26.540	26.530	26.500	26.490
BAR. CORR. 65	+.010	0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
101	72	.11	0	0	32	E	1707					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1452	1503			
T	1505	1705			
RW-	1510	1705			
T	2208	2235			
RW-	2208	2310			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0428 P SUNSET 1906 P

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1090OP / 1808P /

0952 / 0952

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: JUN 29 1987

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 (10s-°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0059	140 SCT 250 SCT	20			081	73	46	05	09		991	10302 1078	CG
SA	0156	CLR	20			075	75	42	05	12		990		CG
SA	0257	CLR	20			076	74	41	09	06		990		CG
SA	0353	250 SCT	20			085	68	43	16	03		990	60302 1001 68 20011	CRD
/													RADAT 58140	/
SA	0450	250 SCT	20			093	68	44	05	07		991	Cu TCU W-NW	CRD
SA	0550	CLR	20			088	72	46	23	03		991	FEW Cu W	CRD
SA	0653	CLR	20			092	79	44	18	03		992	3007 1100	CRD
SA	0753	CLR	20			092	84	39	17	03		993	FEW Cu	CRD
SA	0852	CLR	20			090	87	39	23	03		993	FEW Cu	CRD
SA	0950	CLR	20			088	90	37	01	03		993	[illegible]	CRD
SA	1054	CLR	20			083	93	36	18	07		992	CB NW-N	CRD
SA	1150	CLR	20			072	94	37	21	11		988	CB NW-N CS W-N	CRD
SA	1255	250-BKN	20			072	96	37	20	07		988	CB NW-E/715 1308	CRD
SA	1350	80 SCT 250-OVC	20			061	98	37	23	11		985	CB NW-N	CRD
SA	1451	80 SCT 250-BKN	20			052	99	35	30	04	G16	983	CB N	CRD
SA	1557	80 SCT 250 SCT	20			052	97	35	22	14		982	719 1208 99 RAAT 60441	CG
SA	1653	80 SCT	20			050	97	34	27	13		981		CG
SA	1756	80 SCT	20			050	94	34	24	07		981		CG
SA	1854	CLR	20			047	91	34	26	05		981	603 1100	CG
SA	1954	CLR	20			050	86	35	05	04		982		CG
SA	2055	CLR	20			060	80	36	09	02		984		CG
SA	2156	CLR	20			064	78	35	07	03		985	214 99	CG
SA	2257	CLR	20			067	76	32	01	04		986		CG
SA	2350	CLR	20			066	75	33	06	07		986		CG

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

FM12-VII: Iliii $i_R i_x$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 1-10A (1-82) WHICH MAY BE USED.

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, Nv

DATE: JUN 29 1987

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 59	26.490			38	5	2	Ac	140	3	Cs	250	5								3	1	.010			00-01
01 58	26.500			31	0															0					01-02
02 57	26.500			31	0															0					02-03
03 53	26.500			40	2	2	Ci	250												2	6	.010			03-04
04 50	26.510			42	1															1					04-05
05 50	26.510			40	0															0					05-06
06 53	26.520			29	0	0	Cu	80												0	3	.020			06-07
07 53	26.530			20	0															0					07-08
08 52	26.530			19	0															0					08-09
09 50	26.530			16	0	0	Cu	80												0	1	.010			09-10
10 54	26.520			14	0															0					10-11
11 50	26.490			14	0															0					11-12
12 55	26.485			13	6	0	CB	80	6	Cs	250	6								1	7	.045			12-13
13 50	26.460			12	10															2					13-14
14 51	26.440			11	7															2					14-15
15 57	26.430			12	4	3	Cu	80	1	Cs	250	4								3	7	.055			15-16
16 53	26.420			11	2															2					16-17
17 56	26.420			12	1															1					17-18
18 54	26.420			13	0	0	Cu	80												0	6	.010			18-19
19 54	26.430			16	0															0					19-20
20 55	26.450			21	0															0					20-21
21 56	26.460			21	0															0	2	.010			21-22
22 57	26.470			20	0															0					22-23
23 50	26.470			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	80	68	X	X						X		
	0349	1	.02	0	0	83	68		1								
	0748	2	0	0	0	90	66		0								
	1353	3	0	0	0	94	40		0								
	2153	4	0	0	0	97	77		0								
	MID.	X	0	0	0	79	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1557	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.200	26.3[illegible]	26.430	26.460
BAROGRAPH 64	26.495	26.530	26.420	26.440
BAR. CORR. 65	+.005	0 X	+.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 UNKL TO (Ins.) 69	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
99	66	0	0	0	20	NW	1500					2	2		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0428 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1090P / 1915P /

* BAROGRAPH CHART CHANGED "0" COR.

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

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: JUN 30 1987

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 (10's of Deg.) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER INITIALS (15)
SA	0053	CLR	20			069	76	33	08	05		987	207	CG
SA	0159	CLR	20			071	70	34	09	04		987		CG
SA	0253	CLR	20			071	69	35	09	05		987		CG
SA	0351	CLR	20			077	68	34	29	03		988	303 68 RADAT 50140	CRD
SA	0450	CLR	20			083	69	33	07	04		991		CRD
SA	0552	CLR	20			091	72	36	19	04		993		CRD
SA	0650	CLR	20			088	79	35	32	03		993	114	CRD
SA	0752	CLR	20			092	86	33	18	03		994		CRD
SA	0850	CLR	20			087	90	29	12	08		993		CRD
SA	0950	CLR	20			088	92	30	17	08		993	000 66	CRD
SA	1050	CLR	20			088	94	30	22	12		993		CRD
SA	1150	CLR	20			080	96	28	20	13 & 18		991		CRD
SA	1251	CLR	20			073	98	30	22	11 & 18		988	814	CRD
SA	1351	CLR	20			067	97	24	25	15 & 19		986		CRD
SA	1454	CLR	20			068	96	23	21	10 & 24		986		CRD
SA	1554	CLR	20			066	96	21	21	12 & 22		985	710 1070 98 RADAT 38142	CG
SA	1653	CLR	20			062	95	19	22	12 & 21		984		CG
SA	1754	CLR	20			061	93	18	21	13 & 21		984		CG
SA	1854	CLR	20			063	90	16	23	13		985	500 1070	CG
SA	1954	CLR	20			064	88	14	21	07		986		CG
SA	2050	CLR	20			075	84	15	08	07		990		CG
SA	2153	CLR	20			079	78	16	06	05		990	114 98	CG
SA	2254	CLR	20			077	76	17	03	07		990		CG
SA	2351	CLR	20			077	75	19	26	02		990		CG

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

FM12-VII: $iIIii\ i_R i_x hVV\ Nddff\ 1s_nTTT\ 2s_nT_dT_dT_d\ 3P_oP_oP_oP_o\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUN 30 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.480			21	0															0	2	.020			00-01
01 53	26.480			27	0															0					01-02
02 53	26.480			29	0															0					02-03
03 51	26.490			28	0															0	3	.010			03-04
04 50	26.510			26	0															0					04-05
05 52	26.530			27	0															0					05-06
06 50	26.530			20	0															0	1	.040			06-07
07 52	26.540			15	0															0					07-08
08 50	26.530			11	0															0					08-09
09 50	26.530			11	0															0	0	.000			09-10
10 50	26.530			10	0															0					10-11
11 50	26.510			9	0															0					11-12
12 51	26.490			9	0															0	8	.040			12-13
13 51	26.470			7	0															0					13-14
14 54	26.470			7	0															0					14-15
15 54	26.460			7	0	0	Ac	150												0	7	.020			15-16
16 55	26.450			6	0															0					16-17
17 54	26.450			6	0															0					17-18
18 54	26.460			7	0	0	Ac	150												0	5	.000			18-19
19 54	26.470			6	0															0					19-20
20 50	26.500			8	0															0					20-21
21 53	26.500			10	0															0	1	.010			21-22
22 54	26.500			11	0															0					22-23
23 51	26.500			12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	76	68	X	X						X		
	0348	1	0	0	0	79	68		0								
	0948	2	0	0	0	92	66		0								
	1550	3	0	0	0	98	92		0								
	2151	4	0	0	0	97	77		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.530	26.460	26.500
BAROGRAPH 64	26.480	26.510	26.450	26.490
BAR. CORR. 65	+.010	+.020	+.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	66	0	0	0	25	36'	1477					0	0		

90 REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1090P / 2005P

WEATHER & OBSTRUCTIONS TO VISION

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