WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, Nevada
MONTH: January
YEAR: 1986

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

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 4AM	WIND AVERAGE SPEED Knots	Peak SPEED Knots	DIRECTION	Ave. stn. Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	60	32	46		19	0	0	0	0	3.0	14	E	26.70		6		94	59	46	86
2	59	33	46		19	0	0	0	0	4.4	12	SE	26.65		8		96	63	45	64
3	60	34	47		18	0	0	0	0	3.0	12	SW	26.68		5		85	58	45	74
4	58	43	51		14	0	T	0	0	5.4	14	SE	26.77		9	R-	73	54	38	52
5	54	43	49		16	0	0.12	0	0	7.0	19	SE	26.76		10	R-,RW-,F	90	93	75	86
6	61	35	48		17	0	0	0	0	8.6	23	NE	26.85		0		96	71	21	32
7	54	34	44		21	0	0	0	0	10.3	18	SE	27.04		0		40	29	20	32
8	57	34	46		19	0	0	0	0	5.8	15	NE	26.98		6		32	22	18	39
9	64	32	48		17	0	0	0	0	3.5	11	NE	26.91		1		47	25	19	31
10	70	38	54		11	0	0	0	0	4.5	14	SE	26.92		0		40	23	16	44
11	69	40	55		10	0	0	0	0	5.6	15	E	26.89		2		43	25	20	32
12	68	41	55		10	0	0	0	0	7.3	17	SE	26.86		4		37	25	21	49
13	65	37	51		14	0	0	0	0	5.0	19	E	26.77		9		51	28	21	45
14	57	40	49		16	0	0	0	0	4.7	14	SW	26.59		10		80	27	27	56
15	57	39	48		17	0	0	0	0	7.0	20	SE	26.63		6		79	74	55	79
16	58	35	47		18	0	0	0	0	4.3	13	SE	26.82		5		89	68	53	79
17	60	35	48		17	0	0	0	0	4.1	11	SW	26.88		5		93	66	46	73
18	70	42	56		9	0	0	0	0	7.2	19	NE	26.85		0		54	42	27	56
19	69	39	54		11	0	0	0	0	6.9	28	S	26.64		5		63	36	27	45
20	65	42	54		11	0	0	0	0	10.3	32	SW	26.57		3		28	31	10	29
21	58	40	49		16	0	0	0	0	8.5	18	NE	26.68		8		34	29	22	36
22	60	34	47		18	0	0	0	0	6.1	17	SE	26.70		9		50	32	25	44
23	62	32	47		18	0	0	0	0	5.4	20	NE	26.65		9		56	33	24	34
24	61	42	52		13	0	0	0	0	10.0	20	NE	26.79		5		30	27	15	24
25	64	42	53		12	0	0	0	0	10.8	20	E	26.87		3		28	14	12	20
26	66	42	54		11	0	0	0	0	8.0	16	SE	26.80		2		30	16	11	22
27	68	38	53		12	0	0	0	0	4.8	12	SE	26.66		0		29	17	11	31
28	70	36	53		12	0	0	0	0	4.4	15	NE	26.59		1		36	18	12	28
29	69	36	52		13	0	T	0	0	5.0	17	S	26.57		8	R-	38	23	19	23
30	60	47	54		11	0	0.39	0	0	7.4	21	S	26.50		10	R-,RW-,F	86	100	85	96
31	60	44	52		13	0	0.06	0	0	6.9	18	SE	26.53		9	R-,F	96	86	52	98
SUM	1931	1181	—	—	453	0	0.57	0	—	195.2	—	—	829.10	—	158	—	1783	1314	938	1539
AVG	62.3	38.1	—	—	—	—	—	—	—	6.3	FASTEST	DIRECTION	—	%	5.1	—	58	42	30	50
										MISC. →	32	SW	26.75			—				

TEMPERATURE DATA

AVERAGE MONTHLY 50.2
DEPARTURE FROM NORMAL 6.6
HIGHEST 70 ON 10
LOWEST 32 ON 1

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 3
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 453
DEPARTURE FROM NORMAL -200
SEASONAL TOTAL 1678
DEPARTURE FROM NORMAL -143

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 0
DEPARTURE FROM NORMAL 0
SEASONAL TOTAL 2101
DEPARTURE FROM NORMAL -53

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.57 IN.
DEPARTURE FROM NORMAL -0.39 IN.
GREATEST IN 24 HRS. 0.39 ON 30

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

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 11
PARTLY CLOUDY (Scale 4–7) 9
CLOUDY (Scale 8–10) 11
WITH 0.01 INCH OR MORE PRECIP. 3
WITH 0.10 INCH OR MORE PRECIP. 2
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 = thunder-storm

MAXIMUM PRECIPITATION

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

HIGHEST STN. PRES. 27.11 IN. ON 7
LOWEST STN. PRES. 26.46 IN. ON 30

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: JAN 31 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. REMARKS MILITARY (15)
SA	0052	M41 BKN	20			126	48	47	12	04		993	107 1500	WRG
SA	0152	40 SCT	20			123	48	46	12	09		992		WRG
SA	0250	E40 BKN	20			119	48	47	12	05		991		WRG
SA	0352	45 SCT	20			119	47	46	12	05		991	607 1500 47 20037	WRG
—	—												RADAT 95082	—
SA	0453	45 SCT	20			119	50	44	18	07		991		WRG
SA	0550	45 SCT	20			124	45	44	12	10		992		WRG
SP	0642	45 SCT 250 SCT	5		F				14	08		992	FEW STFRA 3 HND	WRG
SA	0657	12 SCT 45 SCT 250 SCT	5		F	133	44	44	12	06		994	FEW STFRA 3 HND / 310	WRG
—	—												1501	—
SA	0751	12 SCT M35 BKN 250 BKN	7			139	46	45	11	10		997	VSBY SE 3	WRG
RS	0854	3 SCT 12 SCT E35 BKN 250 OVC	7			141	47	46	12	10		998	VSBY NE-SE 3	WRG
SA	0953	5 SCT M32 BKN 250 OVC	20			145	50	46	13	09		999	BINOVC / 114 1701 44	WRG
SA	1052	M35 BKN 160 BKN 250 OVC	20			143	52	46	10	07		999	BINOVC	WRG
SA	1150	35 SCT 160 SCT E250 OVC	20			127	57	45	12	09		994		WRG
SA	1250	35 SCT E250 OVC	20			120	55	45	13	13		992	820 1507	WRG
SA	1351	35 SCT E250 OVC	20			104	57	44	12	14		988	BINOVC	WRG
SA	1450	35 SCT E250 OVC	20			104	57	43	12	08		988		WRG
SA	1552	35 SCT 250-OVC	20			103	59	41	22	04		988	614 1407 60	—
													RADAT 72084	WRG
SA	1652	35 SCT 160 SCT E250 OVC	20			104	53	44	30	04		988		WRG
SA	1752	35 SCT E160 BKN 250 OVC	20			116	51	44	00	00		990		WRG
SA	1852	35 SCT E140 BKN 250 BKN	20			125	49	45	01	04		992	314 1478	WRG
SA	1952	35 SCT E120 BKN	20			132	50	46	30	06		994		WRG
SP	2018	M28 OVC	5		R-F				36	05		994	VSBY SE3 RB08	WRG
SA	2052	M28 OVC	5		R-F	136	48	48	00	00		995	RB08 VSBY SE3	WRG
SA	2152	M29 OVC	5		R-F	137	49	48	10	04		996	11404 17 11 60	WRG
RS	2252	M41 OVC	10		R-	137	48	47	00	00		996		WRG
SA	2352	M45 OVC	10		R-	136	48	48	03	05		997		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 1-10 A (1-82) WHICH MAY BE USED.

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

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 31 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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 52	26.530			98	7	7	SC	1741												7	1	.020			00-01
01 52	26.520			95	5															5					01-02
02 50	26.510			96	6															6					02-03
03 52	26.510			96	4	4	SC	45												4	6	.020			03-04
04 53	26.510			80	4															4					04-05
05 50	26.520			96	3															3					05-06
06 57	26.540			99	4	0	STFRA	3	3	STFRA	12	3	1	SC	45	4	1	CI	250	4	3	.030			06-07
07 51	26.560			96	7															6					07-08
08 54	26.570			96	10															8					08-09
09 55	26.580			86	10	1	STFRA	5	6	STFRA	M32	7	3	CI	250	10				8	1	.040			09-10
10 52	26.580			80	10															8					10-11
11 50	26.540			64	10															7					11-12
12 50	26.520			69	10	3	SC	35	10	CS	E250	10								8	8	.060			12-13
13 51	26.480			62	10															9					13-14
14 50	26.480			60	10															9					14-15
15 52	26.480			52	10	3	SC	35	10	CS	250	10								5	6	.040			15-16
16 52	26.490			73	10															8					16-17
17 52	26.500			78	10															9					17-18
18 52	26.520			86	8	3	SC	35	3	AC	E140	6	2	CS	250	8				6	3	.040			18-19
19 52	26.540			88	7															7					19-20
20 52	26.550			98	10															10					20-21
21 52	26.560			98	10	10	STFRA	M29												10	1	.040			21-22
22 52	26.560			98	10															10					22-23
23 52	26.565			100	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	53	47	X							X		
	0347	1	0	0	0	53	47		1								
	0950	2	0	0	0	50	44		1								
	1548	3	0	0	0	60	50		0								
	2148	4	.04	0	0	59	48		1								
	MID.	X	.02	0	0	49	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0955	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.580	26.480	26.560
BAROGRAPH 64	26.500	26.570	26.480	26.545
BAR. CORR. 65	+.010	+.010	+0.0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	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
60	44	.06	0	0	18	SE	1308					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
F	0630	0740			
R-	2008	CONT			
F	2015	2240			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0822P ⊕0 Sec./ 2242 ⊕0 Sec./ ± Sec.

2152/2152

SP=

RS=

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: JAN 30 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36 tens) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0053	M75 OVC	10		RW-	114	52	38	02	02		992	RB40/ 81000107/	JC
SA	0154	M75 OVC	10		RW-	107	50	48	05	07		990		JC
SA	0253	M60 BKN 120 OVC	10		RW-	104	45	43	30	08		989		JC
SA	0350	10 SCT M45 OVC	10		R-	099	48	44	22	05		988	61402 1511 48 20002	[illegible]
—	—												RADAT 95086	—
SA	0450	10 SCT M45 OVC	10		R-	098	49	43	04	06		987		[illegible]
SA	0551	10 SCT M38 OVC	10		R-	105	49	44	01	09		988		[illegible]
RS	0653	M14 BKN 38 OVC	5		R-	113	48	46	32	05		990	30709 1511	[illegible]
SP	0743	5 SCT M12 OVC	5		R-				04	04		991		[illegible]
SA	0754	5SCT M13 OVC	3		R-	116	48	47	03	05		991		[illegible]
SA	0853	5SCT M14 OVC	5		R-	120	47	45	03	07		992		[illegible]
SA	0950	5SCT M13 OVC	3		R-F	127	47	47	27	05		994	31417 1711 47	[illegible]
SA	1050	5SCT M13 OVC	3		R-F	127	47	47	28	06		994		[illegible]
SP	1114	3SCT M11 OVC	2		R-F				22	06		994		[illegible]
SP	1134	3SCT M12 OVC	3		R-F				21	03		994	VSBY N-NE 2	[illegible]
SA	1155	2SCT M11 OVC	3		R-F	124	47	47	07	05		993		[illegible]
SA	1250	5SCT M13 BKN 40 OVC	20			112	51	49	05	07		990	RE28/81415 1711	[illegible]
SP	1334	5SCT 13 SCT M23 OVC	10		RW-				14	10		989	VSBY NE 3	[illegible]
SA	1353	5SCT 13SCT M25 OVC	20			108	50	47	11	14		988	RB18E38	[illegible]
SP	1418	5SCT 13SCT M30 OVC	20						14	05		987	BINOVC	[illegible]
SA	1450	5SCT 13SCT E30 BKN	20			100	52	49	29	07		986		[illegible]
SA	1552	5SCT E35 BKN	20			100	52	47	12	11		985	61416 1700 53	—
—													RADAT 98090	WRG
SP	1610	5SCT M25 OVC	15						07	06		985		WRG
SA	1652	5SCT M25 OVC	15		RW-	099	49	47	12	16		985	RB40	WRG
RS	1752	5SCT M35 OVC	20			099	51	46	18	13		985	RE10 BINOVC SE HGHR	—
—												—	CLDS USOL	WRG
SA	1852	5SCT M35 OVC	20			101	50	47	00	00		986	30200 1711	WRG
SP	1910	5SCT M26 OVC	10		RW-				21	07		988	RB03	WRG
SA	1952	5SCT M24 OVC	15			114	50	49	04	05		989	RB03 E44	WRG
RS	2050	5SCT M38 BKN	20			114	52	49	00	00		990		WRG
SA	2152	5SCT M45 BKN	20			121	49	48	12	09		991	11504 1700 ~~83~~ 60	WRG
SA	2252	8SCT M45 BKN	20			123	52	48	22	11		992		WRG
SA	2352	8SCT E45 BKN	20			128	48	47	12	14		993		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 30 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.580			59	10	10	AC	M75												10	8	.030			00-01
01 54	26.500			74	10															10					01-02
02 53	26.490			83	10															10					02-03
03 50	26.480			86	10	2	CUFRA	10	10	SC	M45	10								10	6	.040			03-04
04 50	26.470			80	10															10					04-05
05 51	26.480			83	10															10					05-06
06 53	26.500			93	10	7	CUFRA	M14	10	SC	38	10								10	3	.020			06-07
07 54	26.510			96	10															10					07-08
08 53	26.520			93	10															10					08-09
09 50	26.540			100	10	3	CUFRA	5	10	CUFRA	M13	10								10	3	.040			09-10
10 50	26.540			100	10															10					10-11
11 55	26.530			100	10															10					11-12
12 50	26.500			93	10	2	CUFRA	5	7	CUFRA	M13	9	1	CUFRA	40	10				10	8	.040			12-13
13 53	26.480			90	10															10					13-14
14 50	26.460			90	9															9					14-15
15 52	26.460			85	9	3	CUFRA	5	6	CUFRA	E35	9								9	6	.040			15-16
16 52	26.455			94	10															10					16-17
17 52	26.455			85	10															9					17-18
18 52	26.465			91	10	2	CUFRA	5	8	CUFRA	M35	10								10	3	.005			18-19
19 52	26.485			98	10															10					19-20
20 50	26.500			91	7															6					20-21
21 52	26.510			96	6	1	CUFRA	5	6	CUFRA	M45	6								6	1	.045			21-22
22 52	26.520			88	7															7					22-23
23 52	26.530			98	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
	MID. TO 0345		.02	0		60	48										
	0345	1	.02	0	0	60	48		1								
	0945	2	.17	0	0	50	47		2								
	1548	3	.16	0	0	53	47		1								
	2148	4	.04	0	0	52	49		1								
	MID.		0	0	0	53	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.540	26.460	26.510
BAROGRAPH 64	26.500	26.530	26.460	26.500
BAR. CORR. 65	-.020	+.010	±0.0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	47	0.39	0	0	21	5	1625					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0040	0315			
R-	0315	1228			
F	0930	1228			
RW-	1318	1338			
RW-	1640	1710			
RW-	1903	1944			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0533Z ⊕0 Sec./ 1955 ⊕0 Sec./ ± Sec.

2152/24 HR MAX 60/0600-31

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-006/6099

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: JAN 29 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (13b)
SA	0051	250 - SCT	20			149	40	17	06	04		001	003 1001	JC
SA	0153	250 - SCT	20			151	40	17	01	06		002		JC
SA	0254	250 - SCT	20			147	39	12	03	05		001		JC
SA	0353	220 - SCT	20			148	41	17	30	03		001	000 1001 38 RADAT 41126	[illegible]
SA	0454	220 - SCT	20			152	38	18	06	05		001		[illegible]
SA	0552	220 - SCT	20			155	38	18	04	03		001		[illegible]
SA	0653	230 - BKN	20			159	37	17	06	05		001	400 1001	[illegible]
SA	0751	E230 OVC	20			162	44	19	03	05		003	FEW AC	[illegible]
SA	0850	230 - OVC	20			159	50	18	02	04		003	FEW AC	[illegible]
SA	0954	230 SCT 300 - OVC	20			163	55	18	35	04		004	FEW AC / 110 1071 36	[illegible]
SA	1055	230 SCT E300 OVC	20			159	59	18	36	05		003	FEW AC	[illegible]
SA	1157	150 SCT 230 SCT E300 OVC	20			144	63	19	12	10		000		[illegible]
SA	1257	150 SCT E230 BKN 300 OVC	20			135	63	19	15	06		997	824 1071	[illegible]
SA	1355	150 SCT E230 BKN 300 OVC	20			128	64	18	14	04		994	ACSL SW	[illegible]
SA	1451	150 SCT E230 BKN 300 OVC	20			120	65	18	14	04		992	ACSL SE	[illegible]
SA	1553	150 SCT 250 - BKN	20			116	63	20	29	03		991	617 1071 67 RADAT 60115	JC
SA	1655	150 SCT E250 OVC	20			115	60	20	23	02		990		JC
SA	1754	E150 BKN 250 OVC	20			117	56	20	02	05		990		JC
SA	1853	E150 BKN 250 OVC	20			122	55	22	05	06		991	500 1072	JC
SA	1953	E150 BKN 250 OVC	20			124	53	22	09	04		992		JC
SA	2054	E150 BKN 250 OVC	20			122	52	21	12	06		993		JC
SA	2153	E120 BKN 250 OVC	20			126	58	20	22	08		996	314 1072 67	JC
SA	2254	M75 BKN 120 OVC	10		R-	124	58	29	18	10	17	996	RB15	JC
SA	2350	M75 BKN 120 OVC	20			115	56	33	03	04		993	RE10	JC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 29 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.600			39	4	4	Ci	250												1	0	.010			00-01
01 53	26.610			39	2															0					01-02
02 54	26.600			41	2															0					02-03
03 53	26.600			38	3	3	Ci	220												0	0	.000			03-04
04 54	26.600			44	3															0					04-05
05 52	26.600			44	3															0					05-06
06 53	26.600			44	7	7	Ci	230												0	4	.000			06-07
07 51	26.620			36	10															7					07-08
08 50	26.620			28	10															4					08-09
09 54	26.630			23	10	0	Ac	140	3	Ci	230	3	7	Ci	300	10				4	1	.030			09-10
10 55	26.620			20	10															6					10-11
11 57	26.590			18	10															6					11-12
12 57	26.560			18	10	1	Ac	150	5	Ci	230	6	4	Ci	300	10				7	8	.070			12-13
13 55	26.540			17	10															7					13-14
14 51	26.520			16	10															7					14-15
15 53	26.510			19	9	4	Ac	150	7	Ci	230	9								4	6	.050			15-16
16 55	26.500			21	10															8					16-17
17 54	26.500			24	10															9					17-18
18 55	26.510			27	10	7	Ac	150	3	Ci	250	10								10	5	.000			18-19
19 53	26.520			30	10															10					19-20
20 54	26.530			24	10															10					20-21
21 53	26.550			23	10	9	Ac	120	1	Ci	250	10								10	3	.040			21-22
22 54	26.550			33	10															10					22-23
23 50	26.530			42	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 0349		0	0		50	38										
	0349	1	0	0	0	50	38		0								
	0950	2	0	0	0	55	36		0								
	1549	3	0	0	0	67	53		0								
	2148	*	0	0	0	64	53		0								
	MID.		T	0	0	59	54										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.630	26.510	26.530
BAROGRAPH 64	26.600	26.630	26.510	26.533
BAR. CORR. 65	±.0	±.0*	±.0	+.0005

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
67	36	T	0	0	17	5	2250					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	2215	2310			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0502P ⊕0 Sec./ 2052P ⊕0 Sec./ ± Sec.

*BAROGRAPH CHANGED

SP=

RS=

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: JAN 28 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0054	250 - SCT	20			154	38	15	00	00		002	400 1001	JC
SA	0153	250 - SCT	20			152	39	15	10	05		002		JC
SA	0254	CLR	20			155	36	15	12	08		002		JC
SA	0350	CLR	20			149	39	14	00	00		001	803 36 RADAT 22122	CH
SA	0450	CLR	20			147	37	15	04	04		000		CH
SA	0550	250 - SCT	20			155	36	14	00	00		000		CH
SA	0650	CLR	20			159	38	14	33	04		001	500	CH
SA	0750	CLR	20			155	44	15	00	00		001		CH
SA	0850	CLR	20			157	51	15	30	04		002		CH
SA	0950	~~CLR~~ 250 - SCT	20			159	58	15	00	00		003	307 1001 36	CH
SA	1050	250 - SCT	20			156	64	15	24	05		003		CH
SA	1150	250 - SCT	20			151	65	15	34	04		001		CH
SA	1250	250 - SCT	20			138	67	13	00	00		997	817 1001	CH
SA	1350	250 - SCT	20			129	69	14	17	04		995		CH
SA	1450	250 - SCT	20			130	70	15	20	06		995		CH
SA	1553	250 - SCT	20			129	68	14	15	05		996	607 1001 70 RADAT 20123	JC
SA	1654	250 - SCT	20			133	64	14	13	08		996		JC
SA	1755	250 - SCT	20			142	56	16	13	09		997		JC
SA	1854	CLR	20			143	53	14	11	10		997	203 1001	JC
SA	1951	CLR	20			144	52	13	10	07		998		JC
SA	2053	CLR	20			143	53	14	06	07		999		JC
SA	2153	CLR	20			146	46	15	01	05		000	210 70	JC
SA	2254	CLR	20			151	45	16	01	06		002		JC
SA	2356	250 - SCT	20			150	46	16	03	04		002		JC

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 28 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.610			39	4	4	CI	250												0	4	.000			00-01
01 55	26.610			37	3															0					01-02
02 54	26.610			42	0															0					02-03
03 50	26.600			36	0															0	8	.010			03-04
04 50	26.590			40	0															0					04-05
05 50	26.590			40	2															0					05-06
06 50	26.600			37	0															0	5	000			06-07
07 50	26.600			31	0															0					07-08
08 50	26.610			24	0															0					08-09
09 50	26.620			18	3	3	CI	250												0	3	.020			09-10
10 50	26.620			15	3															0					10-11
11 50	26.600			14	3															0					11-12
12 50	26.570			12	3	3	CI	250												0	8	.050			12-13
13 50	26.550			12	3															0					13-14
14 50	26.550			12	4															0					14-15
15 53	26.550			12	3	3	CI	250												0	6	.020			15-16
16 54	26.550			14	3															0					16-17
17 53	26.560			20	1															0					17-18
18 54	26.560			21	0	0	CI	250												0	2	.010			18-19
19 51	26.570			21	0															0					19-20
20 53	26.580			21	0															0					20-21
21 53	26.590			28	0															0	2	.020			21-22
22 54	26.610			31	0															0					22-23
23 55	26.610			30	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		43	36										
	0347	1	0	0	0	43	36		0								
	0947	2	0	0	0	58	36		0								
	1548	3	0	0	0	70	58		0								
	2149	4	0	0	0	68	45		0								
	MID.		0	0	0	47	45										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26.570	26.590
BAROGRAPH 64	26.610	26.620	26.575	26.592
BAR. CORR. 65	-.010	± 0	+.005	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	36	0	0	0	15	NE	2032					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

FASTEST OBSERVED (1-MIN.) WIND SPEED K.P.H. OR FASTEST MILE K.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0759P ✓3 Sec./ 2054P ✓0 Sec./ ± Sec.

0950/0950 2355/2355

SP=

RS=

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: JAN 27 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			197	45	13	06	05		015	603	JC
SA	0154	CLR	20			195	42	13	25	03		014		JC
SA	0253	CLR	20			195	42	13	23	02		014		JC
SA	0350	CLR	20			191	43	13	00	00		013	707 41 RADAT 20126	CH
SA	0450	CLR	20			193	41	14	02	03		013		CH
SA	0550	CLR	20			194	44	14	09	07		013		CH
SA	0650	CLR	20			203	41	13	00	00		014	303	CH
SA	0750	CLR	20			203	45	14	33	04		014		CH
SA	0850	CLR	20			199	53	14	00	00		014		CH
SA	0950	CLR	20			197	58	14	00	00		015	303 38	CH
SA	1050	CLR	20			190	63	15	12	05		013		CH
SA	1150	CLR	20			179	65	14	14	10		010		CH
SA	1250	CLR	20			161	67	13	14	07		005	730	CH
SA	1350	CLR	20			155	68	12	15	10		003		CH
SA	1450	CLR	20			147	68	12	16	07		001		CH
SA	1553	CLR	20			151	67	11	14	10		002	510 1 00168 RADAT 20146	JC
SA	1651	CLR	20			150	64	11	14	07		001		JC
SA	1754	CLR	20			154	54	12	05	03		001		JC
SA	1855	CLR	20			161	51	12	10	09		002	500 1001	JC
SA	1953	CLR	20			159	50	13	12	10		002		JC
SA	2054	CLR	20			160	46	13	36	05		003		JC
SA	2153	CLR	20			155	44	14	05	02		002	000 68	JC
SA	2258	CLR	20			154	42	14	16	02		002		JC
SA	2355	CLR	20			155	39	15	01	04		002		JC

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: JAN 27 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HRS.
00 52	26.730			27	0															0	6	.010			00-01
01 54	26.720			30	0															0					01-02
02 53	26.720			30	0															0					02-03
03 50	26.710			29	0															0	7	.020			03-04
04 50	26.710			33	0															0					04-05
05 50	26.710			29	0															0					05-06
06 50	26.720			32	0															0	3	.010			06-07
07 50	26.720			28	0															0					07-08
08 50	26.720			21	0															0					08-09
09 50	26.730			17	0															0	3	.010			09-10
10 50	26.710			15	0															0					10-11
11 50	26.680			14	0															0					11-12
12 50	26.640			12	0															0	7	.090			12-13
13 50	26.620			11	0															0					13-14
14 50	26.600			11	0															0					14-15
15 53	26.610			11	0	0	Ci	300												0	5	.030			15-16
16 51	26.600			12	0															0					16-17
17 54	26.600			18	0															0					17-18
18 55	26.610			21	0	0	Ci	300												0	5	.000			18-19
19 53	26.610			22	0															0					19-20
20 54	26.620			26	0															0					20-21
21 53	26.610			31	0															0	0	.000			21-22
22 52	26.610			32	0															0					22-23
23 55	26.610			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 0348	X	0	0	X	47	41	X	X						X		
	0348	1	0	0	0	50	41		0								
	0948	2	0	0	0	58	38		0								
	1549	3	0	0	0	68	58		0								
	2148	4	0	0	0	67	42		0								
	MID.	X	0	0	0	43	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.730	26.610	26.610
BAROGRAPH 64	26.715	26.730	26.61	26.610
BAR. CORR. 65	-.005	± 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
68	38	0	0	0	12	SE	1433					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 SUNSET

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1 MIN/TE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK-CLOCK AT: 0545P Φ2 Sec./ 2151P Φ0 Sec./ ± Sec.

SP=

RS=

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: JAN 26 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (14)
SA	0036	250-SCT	20			247	49	11	04	10		031	605 1001	SEA
SA	0152	250 SCT	20			246	47	11	05	09		030		SEA
SA	0250	250-SCT	20			250	45	11	03	10		031		SEA
SA	0350	250 - SCT	20			248	42	13	04	08		029	802 1001 42 RADAT 20120	CH
SA	0450	250 - SCT	20			248	45	12	03	08		029		CH
SA	0550	250 - SCT	20			252	44	12	03	07		029		CH
SA	0650	250 - SCT	20			253	47	11	03	12		029	400 1001	CH
SA	0750	250 - SCT	20			251	47	13	04	09		029		CH
SA	0850	250 - SCT	20			246	54	13	03	07		029		CH
SA	0950	250 - SCT	20			248	58	12	10	12		029	400 1001 42	CH
SA	1050	250 - SCT	20			238	60	13	03	07		027		CH
SA	1150	250 - SCT	20			227	63	10	04	07		024		CH
SA	1250	250 - SCT	20			214	65	12	08	07		021	727 1001	CH
SA	1350	250 - SCT	20			207	65	11	13	09		018		CH
SA	1450	250 - SCT	20			200	65	11	12	12		016		CH
SA	1553	250 - SCT	20			198	65	10	12	13		015	617 100166 RADAT 20127	JC
SA	1654	250 SCT	20			198	62	10	12	11		015		JC
SA	1751	CLR	20			202	55	11	11	10		015		JC
SA	1853	CLR	20			207	51	12	26	05		016	303	JC
SA	1953	CLR	20			205	47	12	28	04		015		JC
SA	2056	CLR	20			206	46	12	05	05		016		JC
SA	2155	CLR	20			202	49	12	07	04		016	500 66	JC
SA	2251	CLR	20			200	45	12	19	02		015		JC
SA	2352	CLR	20			199	43	12	35	05		015		JC

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 26 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.865			21	1	1	C1	250												0	6	.015			00-01
01 52	26.860			23	5															0					01-02
02 50	26.840			26	2															0					02-03
03 50	26.860			30	3	3	C1	250												0	8	.005			03-04
04 50	26.860			26	3															0					04-05
05 50	26.860			27	3															0					05-06
06 50	26.860			23	3	3	C1	250												0	4	.000			06-07
07 50	26.860			25	4															0					07-08
08 50	26.860			19	4															0					08-09
09 50	26.860			16	4	4	C1	250												0	4	.000			09-10
10 50	26.840			16	4															0					10-11
11 50	26.810			12	4															0					11-12
12 50	26.780			13	4	4	C1	250												0	7	.080			12-13
13 50	26.760			12	4															0					13-14
14 50	26.740			12	3															0					14-15
15 53	26.730			11	4	4	C1	250												0	6	.050			15-16
16 54	26.730			13	2															0					16-17
17 51	26.730			17	0															0					17-18
18 53	26.740			21	0															0	3	.010			18-19
19 55	26.730			24	0															0					19-20
20 56	26.740			25	0															0					20-21
21 55	26.740			22	0															0	5	.000			21-22
22 51	26.730			26	0															0					22-23
23 52	26.730			28	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	50	42	X	X						X		
	0347	1	0	0	0	50	42		0								
	0947	2	0	0	0	58	42		0								
	1548	3	0	0	0	66	58		0								
	2149	4	0	0	0	65	45		0								
	MID.	X	0	0	0	50	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.860	26.730	26.740
BAROGRAPH 64	26.860	26.870	26.740	26.730
BAR. CORR. 65	+0	-.010	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
66	42	0	0	0	16	SE	1577					4	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 SUNSET

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

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

TIME CHECK-CLOCK AT: 0953P ±3 Sec./ 1657P ±0 Sec./ ± Sec.

4 LAST OF SEVERAL OCCURRENCES

SP=

RS=

MF1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JAN 25 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0053	250-OVC	20			242	46	13	04	04		028	*006 1007 *HALO	SEA
SA	0154	250-OVC	20			249	46	12	04	12		030	HALO	SEA
SA	0253	250-BKN	20			253	44	12	05	10		031		SEA
SA	0354	250-BKN	20			258	43	12	04	10		032	114 1006 43 RADAT 20134	SEA
SA	0453	250-BKN	20			261	44	12	05	13		032		SEA
SA	0551	250-BKN	20			263	44	12	05	15		032		SEA
SA	0652	250-SCT	20			271	43	12	06	12		033	303 1005	SEA
SA	0755	250-SCT	20			271	45	12	05	12		034		SEA
SA	0856	250-SCT	20			277	49	12	04	13		036		SEA
SA	0954	250-SCT	20			276	52	12	03	12		036	110 1001 42	SEA
SA	1051	250-SCT	20			268	57	13	35	07		035		SEA
SA	1156	250-SCT	20			256	60	13	06	08		032		SEA
SA	1250	250-SCT	20			245	62	12	14	11		028	824 1001	SEA
SA	1355	250-SCT	20			235	63	12	12	13		026		SEA
SA	1456	250-SCT	20			237	64	12	10	15		026		SEA
SA	1556	CLR	20			236	63	10	11	15		026	FEW CI/608 1001 64	SEA
/	/											/	RADAT 20128	/
SA	1654	CLR	20			242	60	9	11	09		028	FEW CI	SEA
SA	1755	CLR	20			246	55	9	11	09		028 624	FEW CI	SEA
SA	1856	CLR	20			252	51	10	06	06		029	FEW CI/610 1001	SEA
SA	1957	250-SCT	20			252	55	11	03	06		030		SEA
SA	2052	250-SCT	20			254	60	12	05	07		031		SEA
SA	2155	250-SCT	20			260	48	10	04	10		032	308 1001 64	SEA
SA	2254	250-SCT	20			256	49	10	04	10		032		SEA
SA	2356	250-SCT	20			249	49	11	04	13		031		SEA

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

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ 7wwW1W2 $8N_hC_LC_MC_H$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 25 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.840			26	10	10	CS	250												5	0	.000			00-01
01 54	26.860			25	10															4					01-02
02 53	26.870			27	9															2					02-03
03 54	26.880			28	9	9	ci	250												3	1	.040			03-04
04 53	26.880			27	9															3					04-05
05 51	26.880			27	9															3					05-06
06 52	26.890			28	5	5	ci	250												2	3	.010			06-07
07 55	26.900			26	4															2					07-08
08 56	26.920			22	3															1					08-09
09 54	26.920			20	3	3	ci	250												1	1	.030			09-10
10 51	26.910			17	3															1					10-11
11 46	26.880			16	3															1					11-12
12 50	26.850			14	3	3	ci	250												1	6	.070			12-13
13 55	26.830			13	3															1					13-14
14 56	26.830			13	3															1					14-15
15 56	26.825			12	0	0	CI	250												0	6	.025			15-16
16 54	26.840			13	0															0					16-17
17 55	26.845			16	0															0					17-18
18 56	26.855			19	0	0	CI	250												0	2	.030			18-19
19 57	26.860			17	1															0					19-20
20 52	26.870			18	2															0					20-21
21 55	26.880			20	4	4	CI	250												0	3	.025			21-22
22 54	26.880			21	2															0					22-23
23 56	26.865			21	1															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 0353	X	0	0	X	47	43	X	X						X		
	0353	1	0	0	0	49	43		0								
	0953	2	0	0	0	52	42		0								
	1553	3	0	0	0	64	52		0								
	2152	4	0	0	0	63	48		0								
	MID.	X	0	0	0	56	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1556	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.920	26.925	26.880
BAROGRAPH 64	26.860	26.920	26.940	26.860
BAR. CORR. 65	+.020	±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 UNML TO (Ins.) 69	Mid 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
64	42	0	0	0	20	E	1537					3	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 SUNSET

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

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

TIME CHECK-CLOCK AT: 0555P ⊕ 0 Sec./1408MST ⊕ 1 Sec./ ± Sec.

1755/1755 (WIND)
1755/1828 (NCSTG)

SP=
RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-008/5089

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: JAN 2 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (16)
SA	0052	250 - BKN	20			191	47	16	05	13		014	003 1001	SEN
SA	0153	250 - SCT	20			197	46	16	06	11		015		SEN
SA	0257	250 - SCT	20			201	45	16	05	13		017		SEN
SA	0353	250 - SCT	20			213	45	15	04	13		019	314 1001 45 RADAT 20104	008
SA	0453	250 - SCT	20			221	44	15	05	11		021		008
SA	0551	250 - SCT	20			222	43	16	04	14		019		008
SA	0653	250 - SCT	20			233	42	16	06	12		022	208 1001	008
SA	0754	250 - SCT	20			241	45	17	06	12		024		008
SA	0853	250 - SCT	20			245	48	17	05	14		026		008
SA	0955	250 - SCT	20			247	50	17	04	16		027	117 1001 42	008
SA	1050	250 - SCT	20			237	54	16	08	06		025		008
SA	1150	250 - SCT	20			223	56	16	03	07		022		008
SA	1253	250 - SCT	20			223	58	15	02	10		027	617 1001	008
SA	1352	250 - OVC	20			211	60	14	02	10		018		008
SA	1452	250 - OVC	20			216	61	14	06	05		020		008
SA	1555	250 - SCT	20			215	60	12	12	07		020	607 1001 61 RADAT 20135	SEN
SA	1656	250 - BKN	20			222	56	12	10	06		021		SEN
SA	1752	250 - BKN	20			233	50	14	00	00		023		SEN
SA	1853	250 - BKN	20			240	47	14	04	07		024	214 1001	SEN
SA	1957	250 - OVC	20			240	48	14	05	10		026	HALO	SEN
SA	2054	250 - OVC	20			243	48	14	06	08		027	HALO	SEN
SA	2157	250 - OVC	20			245	48	13	04	11		028	HALO/ 210 1007 61	SEN
SA	2252	250 - OVC	20			243	48	12	04	13		028	HALO	SEN
SA	2356	250 - OVC	20			244	47	12	04	11	G17	029	HALO	SEN

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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 24 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.710			28	6	6	CI	250												0	0	.010			00-01
01 53	26.725			30	2															0					01-02
02 59	26.740			30	1															0					02-03
03 53	26.765			30	3	3	CI	250												1	3	.025			03-04
04 53	26.780			31	3															1					04-05
05 51	26.770			33	3															1					05-06
06 53	26.790			36	4	4	CI	250												1	2	.025			06-07
07 54	26.810			32	3															1					07-08
08 53	26.830			29	3															1					08-09
09 55	26.840			27	3	3	CI	250												1	1	.050			09-10
10 50	26.820			22	4															1					10-11
11 50	26.790			20	4															1					11-12
12 53	26.790			18	3	3	CI	250												1	6	.050			12-13
13 52	26.760			16	10															3					13-14
14 54	26.775			16	10															3					14-15
15 55	26.770			15	5	5	CI	250												1	6	.020			15-16
16 56	26.780			17	6															1					16-17
17 52	26.800			24	9															1					17-18
18 53	26.810			26	8	8	CI	250												1	2	.040			18-19
19 57	26.820			25	10															2					19-20
20 54	26.830			26	10															2					20-21
21 51	26.840			24	10	10	CS	250												4	2	.030			21-22
22 58	26.840			23	10															4					22-23
23 56	26.845			25	10															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 0352	X	0	0	X	44	45	X	X						X		
	0352	1	0	0	0	49	45		0								
	0914	2	0	0	0	50	42		0								
	1552	3	0	0	0	61	50		0								
	2149	4	0	0	0	60	44		0								
	MID.	X	0	0	0	49	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0914	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.765	26.840	26.770	26.840
BAROGRAPH 64	26.740	26.840	26.770	26.830
BAR. CORR. 65	+.025	±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 TO (Ins.) 69	+HAM 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
61	42	0	0	0	20	NE	0908					5	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0356 P @ 0 Sec./2309 MST ±0 Sec./ ± Sec.

✓ 2ND OF 2.

SP=

RS=

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: JAN 23 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	250 - BKN	20			184	40	23	03	05		010	607 1001	SEA
SA	0159	250 - BKN	20			182	37	23	00	00		009		SEA
SA	0252	CLR	20			178	36	23	31	03		008	FEW CI SE	SEA
SA	0355	CLR	20			179	36	22	06	05		007	607 ~~603~~ 1001 35 RHDAT 46116	008
SA	0456	CLR	20			174	34	22	36	04		005		008
SA	0554	CLR	20			178	33	22	14	04		005		008
SA	0652	250 - SCT	20			179	34	23	03	06		005	607 1001	008
SA	0756	250 - OVC	20			175	42	24	26	07		006		008
SA	0850	150 SCT 250 - BKN	20			175	48	25	31	03		006		008
SA	0955	250 - BKN	20			174	52	24	21	04		006	103 1001 32	008
SA	1050	250 - BKN	20			175	53	25	03	05		006		008
SA	1150	250 - BKN	20			165	58	25	26	04		004		008
SA	1250	250 - BKN	20			161	59	26	33	04		003	810 1001	008
SA	1350	250 - BKN	20			159	59	25	27	03		002		008
SA	1448	250 - OVC	20			154	62	25	23	07		001		008
SA	1552	250 - OVC	20			159	60	23	21	04		002	PARHELION / 503 1001 62	SEA
/	/											/	RADAT 20104	/
SA	1651	250 - OVC	20			166	57	24	17	04		004	ACSL DSNT SW	SEA
SA	1754	250 - OVC	20			174	50	25	11	07		005		SEA
SA	1851	250 - BKN	20			178	47	25	00	00		006	210 1001	SEA
SA	1954	250 - BKN	20			185	43	24	00	00		008		SEA
SA	2055	250 - SCT	20			186	45	23	03	10		010		SEA
SA	2154	250 - SCT	20			190	48	21	05	10		012	220 1001 62	SEA
SA	2251	250 - BKN	20			190	48	18	05	15		012		SEA
SA	2355	250 - SCT	20			192	49	16	05	15		014		SEA

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

FM12-VII: IIiii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 23 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.680			50	7	7	CI	250												3	6	.020			00-01
01 59	26.670			55	6															3					01-02
02 58	26.660			58	0															0					02-03
03 53	26.660			56	0	0	CI	250												0	6	.020			03-04
04 56	26.640			61	0															0					04-05
05 54	26.640			64	0															0					05-06
06 52	26.640			64	3	3	CI	250												1	6	.020			06-07
07 56	26.640			59	10															3					07-08
08 50	26.650			40	9															3					08-09
09 55	26.650			33	9	9	CI	250												3	1	.010			09-10
10 50	26.650			34	8															3					10-11
11 50	26.630			28	8															3					11-12
12 50	26.620			28	8	8	CI	250												3	8	.030			12-13
13 50	26.610			27	8															3					13-14
14 48	26.600			29	10															4					14-15
15 52	26.610			24	10	10	CI	250												4	5	.010			15-16
16 51	26.620			28	10															2					16-17
17 54	26.630			37	10															2					17-18
18 51	26.640			42	8	8	CI	250												1	2	.030			18-19
19 54	26.660			47	6															0					19-20
20 55	26.680			42	1															0					20-21
21 54	26.700			34	3	3	CI	250												0	2	.060			21-22
22 51	26.700			30	6															1					22-23
23 55	26.715			27	5															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 0314	X	0	0	X	41	35	X	X						X		
	0314	1	0	0	0	44	35		0								
	0954	2	0	0	0	52	32		0								
	1550	3	0	0	0	62	51		0								
	2150	4	0	0	0	60	42		0								
	MID.	X	0	0	0	49	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0314	0954	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.650	26.610	26.700
BAROGRAPH 64	26.640	26.625	26.600	26.680
BAR. CORR. 65	+.020	-.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	32	0	0	0	20	NE	2317					9	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87	88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0700 P ⊘0 Sec./2020PST ±0 Sec./ ± Sec.

0353/0355

SP=

RS=

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: JAN 22 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. INITIALS (18)
SA	0049	250 - SCT	20			200	42	20	05	07		014	400 1008	AD
SA	0149	250 - SCT	20			194	38	20	05	05		012		AD
SA	0249	250 - SCT	20			194	37	21	14	05		012		AD
SA	0350	250 - SCT	20			193	38	21	05	04		012	607 1002 36 RMDT 51121	OOB
SA	0449	250 - SCT	20			197	35	21	05	05		012		OOB
SA	0552	250 - SCT	20			199	38	21	26	04		013		OOB
SA	0654	120 SCT 250 - BKN	20			208	37	21	22	04		014	307 ~~+30~~ 1032	OOB
SA	0757	120 SCT 250 - BKN	20			216	38	21	05	04		016		OOB
SA	0854	150 SCT E250 BKN	20			221	46	21	33	04		018		OOB
SA	0955	120 SCT E250 BKN	20			212	51	22	16	08		017	010 1032 34	OOB
SA	1055	E250 BKN	20			210	55	21	01	04		017		OOB
SA	1150	E250 BKN	20			198	57	22	16	04		014		OOB
SA	1249	E250 BKN	20			186	57	22	12	10		008	827 1002	OOB
SA	1351	E250 BKN	20			177	58	22	12	12		007		OOB
SA	1450	E250 BKN	20			181	59	22	12	14		008		OOB
SA	1556	E250 BKN	20			178	57	22	13	08		008	703 1002 60 RMDT 31130	SEA
SA	1649	E250 OVC	20			181	55	22	15	07		008		SEA
SA	1751	E250 OVC	20			190	51	24	12	06		010	FEW AC W	SEA
SA	1852	250 - OVC	20			191	49	23	12	09		010	107 1001	SEA
SA	1953	140 SCT 250 - OVC	20			182	50	23	11	10		008	HALO	SEA
SA	2057	140 SCT E250 OVC	20			190	48	24	00	00		011	HALO	SEA
SA	2155	250 - BKN	20			193	43	22	05	05		012	307 1001 60	SEA
SA	2256	E250 OVC	20			189	41	23	03	03		011		SEA
SA	2353	250 - OVC	20			184	41	23	33	04		010	HALO	SEA

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 22 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.720			41	4	4	CS	250												1	4	.000			00-01
01 49	26.700			48	4															1					01-02
02 49	26.700			52	2															0					02-03
03 50	26.700			50	3	3	CI	250												1	6	.020			03-04
04 49	26.700			56	3															1					04-05
05 52	26.710			50	3															1					05-06
06 54	26.720			52	6	3	AC	120	3	CI	250	6								2	3	.020			06-07
07 51	26.740			50	7															3					07-08
08 54	26.760			37	8															6					08-09
09 55	26.750			32	7	2	AC	120	7	CI	E250	9								8	0	.030			09-10
10 55	26.750			26	9															8					10-11
11 50	26.720			26	9															8					11-12
12 49	26.670			26	9	9	CI	E250												8	8	.080			12-13
13 51	26.660			25	9															8					13-14
14 50	26.670			24	9															8					14-15
15 56	26.660			25	9	9	CI	E250												8	7	.010			15-16
16 49	26.660			29	10															10					16-17
17 51	26.640			34	10															9					17-18
18 58	26.680			37	10	10	CI	250												5	1	.020			18-19
19 53	26.660			35	10															5					19-20
20 54	26.690			38	10															6					20-21
21 55	26.700			44	7	7	CI	250												3	3	.020			21-22
22 56	26.690			49	10															7					22-23
23 53	26.680			48	10															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 0349	X	0	0	X	45	36	X	X						X		
	0349	1	0	0	0	45	36		0								
	0954	2	0	0	0	51	34		0								
	1551	3	0	0	0	60	51		0								
	2152	4	0	0	0	57	42		0								
	MID.	X	0	0	0	44	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1556	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.750	26.660	26.700
BAROGRAPH 64	26.695	26.745	26.660	26.690
BAR. CORR. 65	+.005	-.005	±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	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
60	34	0	0	0	17	SE	1304					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 0654 SUNSET 1658

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

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

TIME CHECK - CLOCK AT: 1256P ⊕0 Sec./ 23:01:57 ±0 Sec./ ± Sec.

0654/0654

SP=

RS=

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: JAN 21 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			161	47	18	02	16		005	500	AD
SA	0149	250 - SCT	20			160	47	18	03	11		005		AD
SA	0249	250 - BKN	20			161	45	18	04	14		005		AD
SH	0352	250 - BKN	20			163	45	18	06	10		005	400 1003 42	SH
	—		—			—						—	RADAT37L084101108	—
SA	0452	250 - BKN	20			170	44	18	05	12		006		SH
SH	0551	E250 BKN	20			177	45	18	06	11		008		SH
SA	0653	160 SCT 250 - BKN	20			186	43	18	07	07		009	212 1038	SH
SA	0750	250 - BKN	20			188	44	18	03	08		010	FEW AC	SH
SH	0851	250 - BKN	20			181	49	18	06	11		008		SH
SA	0953	E250 OVC	20			189	52	18	04	09		011	205 1007 42	SH
SA	1052	E250 OVC	20			185	53	19	36	06		010		SH
SA	1150	E250 OVC	20			184	55	18	02	07		011		SH
SA	1254	170 SCT E250 OVC	20			178	55	19	01	10		008	707 1087	SH
SA	1350	170 SCT E250 OVC	20			177	57	18	06	07		008		SH
SA	1448	150 SCT E250 OVC	20			170	56	17	12	10		006		SH
SA	1549	150 SCT E250 OVC	20			187	55	17	12	09		011	307 1087 58 RADAT	AD
/	/						55	17					38H085098113	AD
SA	1649	150 SCT 250-BKN	20			187	53	17	12	07		011		AD
SA	1749	250 SCT	20			191	47	19	06	06		011		AD
SA	1849	250 - BKN	20			195	43	19	08	09		011	400 1008	AD
SA	1949	250 - OVC	20			200	41	19	04	04		012		AD
SA	2049	250 - OVC	20			198	43	19	04	05		013		AD
SA	2149	250 - OVC	20			200	44	19	05	09		014	210 1007 58	AD
SA	2249	250 - OVC	20			200	42	20	10	06		014		AD
SA	2349	250 - SCT	20			200	42	20	06	06		014		AD

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

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

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

☆U.S.GPO:1984-0-764-006/8085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 21 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.640			31	0															0	5	.000			00-01
01 49	26.640			31	3															1					01-02
02 49	26.640			34	6															2					02-03
03 52	26.640			34	6	6	CS	250												3	4	.000			03-04
04 52	26.650			34	6															3					04-05
05 51	26.665			33	8															6					05-06
06 53	26.675			36	8	1	AC	160	8	CS	250	8								2	2	.035			06-07
07 50	26.680			35	7															1					07-08
08 51	26.670			29	8															2					08-09
09 53	26.690			26	10	10	CS	≥250												6	2	.015			09-10
10 52	26.680			25	10															8					10-11
11 50	26.690			23	10															8					11-12
12 54	26.670			24	10	3	AC	170	7	CS	≥250	10								8	7	.020			12-13
13 50	26.670			22	10															9					13-14
14 48	26.650			21	10															10					14-15
15 49	26.690			22	10	4	AC	150	6	CS	≥250	10								10	3	.020			15-16
16 49	26.690			24	8															3					16-17
17 49	26.690			32	5															3					17-18
18 49	26.690			38	8	8	CS	250												2	4	.000			18-19
19 49	26.700			41	10															2					19-20
20 49	26.710			38	10															2					20-21
21 49	26.720			36	10	10	CS	250												2	2	.030			21-22
22 49	26.720			41	10															3					22-23
23 49	26.720			41	5															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 0346	X	0	0	X	51	42	X	X						X		
	0346	1	0	0	0	51	42		0								
	0949	2	0	0	0	52	42		0								
	1545	3	0	0	0	58	52		0								
	2145	4	0	0	0	55	40		0								
	MID.	X	0	0	0	45	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.690	26.690	26.720
BAROGRAPH 64	26.624	26.690	26.670	26.700
BAR. CORR. 65	+.020	* 0	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	40	0	0	0	18	NE	0212					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 0654 SUNSET 1657

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

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

TIME CHECK - CLOCK AT: 0605P ± 0 Sec./ ± Sec./ 2145 ± 0 Sec.

1649/1649

* BAROGRAM CHANGED AND SET TO ZERO CORR. 0950?

SP=

RS=

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: JAN 20 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	250 - BKN	20			078	64	30	20	22	30	990	810 1008	AD
SA	0149	250 - SCT	20			090	65	28	20	20G29		987		AD
SA	0249	CLR	20			090	63	28	21	19		987		AD
SA	0350	CLR	20			086	62	28	22	15G30		986	712 50 RADAT 20115	SH
SA	0453	CLR	20			095	59	23	24	17		987		SH
SA	0553	250 - SCT	20			107	57	29	24	13		990		SH
SA	0652	250 - BKN	20			125	53	31	32	05		994	23 1008	SH
SA	0752	250 - BKN	20			137	51	32	03	06		997		SH
SA	0851	250 - SCT	20			146	56	32	04	10		000		SH
SA	0954	250 SCT	20			149	59	29	36	08		002	124 1008 50	SH
SA	1048	250 SCT	20			149	60	25	01	10		002		SH
SA	1149	250 - SCT	20			135	63	22	02	10		999		SH
SA	1249	250 - SCT	20			125	63	19	01	08		997	814 1008	SH
SA	1350	CLR	20			120	64	16	04	07		996	FEW CI	SH
SA	1448	CLR	20			121	65	12	34	10		996	CI SW	SH
SA	1549	250 - SCT	20			121	63	05	33	11		996	603 1001 65 RADAT 27088	AD
SA	1649	250 - SCT	20			134	58	12	34	07		998		AD
SA	1749	250 - SCT	20			145	54	10	35	09		001		AD.
SA	1849	250 - BKN	20			151	49	11	15	04		001	114 1008	AD
SA	1949	250 - BKN	20			154	47	12	05	07		001		AD
SA	2049	250 SCT	20			158	46	13	05	06		003		AD
SA	2149	250 SCT	20			165	44	14	02	06		005	314 1002 65	AD
SA	2249	250 - SCT	20			159	42	10	07	05		003		AD
SA	2349	CLR	20			160	50	16	05	12		005		AD

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

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

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

☆ U.S.GPO.1984 0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 20 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.400			28	6	6	CS	250												1	8	.030			00-01
01 49	26.480			25	1															0					01-02
02 49	26.480			26	0															0					02-03
03 50	26.465			28	0															0	7	.035			03-04
04 53	26.480			31	0															0					04-05
05 53	26.500			35	3															1					05-06
06 54	26.540			41	7	7	CS	250												2	2	.075			06-07
07 54	26.565			41	6															1					07-08
08 57	26.595			40	3															1					08-09
09 54	26.610			31	1	1	CS	250												1	1	.070			09-10
10 48	26.610			26	1															1					10-11
11 44	26.590			21	3															0					11-12
12 44	26.570			18	1	1	CS	250												0	8	.040			12-13
13 50	26.560			16	0															0					13-14
14 48	26.560			13	0															0					14-15
15 49	26.560			10	4	4	CI	250												0	6	.010			15-16
16 49	26.580			16	4															1					16-17
17 49	26.600			17	3															1					17-18
18 49	26.600			21	8	8	CS	250												8	1	.040			18-19
19 49	26.600			24	9															4					19-20
20 49	26.620			26	5															3					20-21
21 49	26.640			29	4	4	CI	250												3	3	.040			21-22
22 49	26.620			27	1															0					22-23
23 49	26.640			25	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		65	50										
	0346	1	0	0	0	65	50		0								
	0949	2	0	0	0	62	50		0								
	1545	3	0	0	0	65	59		0								
	2145	4	0	0	0	63	43		0								
	MID.		0	0	0	50	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0957	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.465	26.610	26.560	26.640
BAROGRAPH 64	26.450	26.595	26.540	26.620
BAR. CORR. 65	+.015	+.015	+.020	+.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	4 gmt 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
65	42.	0	0	0	32	SW	0208					2	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 0655 SUNSET 1656

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

FASTEST OBSERVED 1-MINUTE WIND SPEED K.P.H. OR FASTEST MILE K.P.H. ASSOCIATED DIRECTION VISIBILITY

TIME CHECK-CLOCK AT: 0655P ± 0 Sec./ ± Sec./2100P ± 0 Sec.

0652P/APP 225/1053P 1-28

SP=

RS=

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: JAN 19 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	0055	CLR	20			216	41	32	05	03		021	707	DC
SA	0153	CLR	20			208	43	32	36	06		019		DC
SA	0246	CLR	20			206	41	32	03	03		018		DC
SA	0354	CLR	20			200	44	32	02	07		016	714 40 RADAT 66131	SH
SA	0450	CLR	20			201	43	31	04	07		016		SH
SA	0552	CLR	20			202	40	31	04	04		015		SH
SA	0653	CLR	20			204	41	31	36	04		015	603 1001	SH
SA	0751	CLR	20			203	45	33	04	02		015	CI NW	SH
SA	0853	CLR	20			201	53	33	35	05		016	CI NW	SH
SA	0955	250 SCT	20			190	60	33	12	06		013	807 1001 39	SH
SA	1052	250 - SCT	20			185	62	32	13	07		012		SH
SA	1152	250 - BKN	20			166	65	32	15	06		006		SH
SA	1254	250 - BKN	20			151	67	32	15	10		002	834 1008	SH
SA	1354	250 - BKN	20			142	67	32	12	10		999		SH
SA	1453	250 - BKN	20			143	68	31	11	12		997		SH
SA	1549	E 250 BKN	20			131	66	31	12	10		996	717 1008 69 RADAT 24121	AD
SA	1649	E 250 BKN	20			134	61	31	12	11		996		AD
SA	1749	E 250 BKN	20			138	57	31	13	09		996		AD
SA	1849	E 250 BKN	20			140	54	32	10	05		996	400 1008	AD
SA	1949	E 250 BKN	20			138	53	31	36	04		996		AD
SA	2049	E 250 BKN	20			126	52	31	06	07		994		AD
SA	2149	250 - BKN	20			119	52	31	09	09		993	810 1008 69	AD
SA	2249	250 - BKN	20			118	51	31	10	10		993		AD
SA	2349	250 - BKN	20			118	61	31	21	08 ~~18~~		993		AD

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 19 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.780			70	0															0	7	.020			00-01
01 53	26.765			65	0															0					01-02
02 46	26.760			70	0															0					02-03
03 54	26.740			63	0															0	7	.040			03-04
04 50	26.740			63	0															0					04-05
05 52	26.730			70	0															0					05-06
06 53	26.730			68	0	0	Cl	250												0	6	.010			06-07
07 51	26.730			62	0															0					07-08
08 53	26.730			46	0															0					08-09
09 55	26.710			36	1	1	Cl	250												1	8	.020			09-10
10 52	26.700			30	3															1					10-11
11 52	26.650			29	6															2					11-12
12 54	26.610			27	7	7	Cs	250												2	8	.100			12-13
13 54	26.590			27	9															4					13-14
14 48	26.570			25	9															4					14-15
15 49	26.560			27	9	9	Cs	250												8	7	.050			15-16
16 49	26.560			32	9															7					16-17
17 49	26.560			37	8															6					17-18
18 49	26.560			43	8	8	Cs	250												5	4	.000			18-19
19 49	26.560			43	8															5					19-20
20 49	26.540			45	8															5					20-21
21 49	26.530			45	7	7	Cs	250												3	8	.030			21-22
22 49	26.530			46	7															3					22-23
23 49	26.530			32	7															3					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		47	40										
	0347	1	0	0	0	49	40		0								
	0951	2	0	0	0	60	39		0								
	1545	3	0	0	0	69	59		0								
	2145	4	0	0	0	66	50		0								
	MID.		0	0	0	61	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0953	1550	2150
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.710	26.560	26.530
BAROGRAPH 64	26.735	26.705	26.550	26.520
BAR. CORR. 65	+.005	+.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
69	39	0	0	0	28	5	2342					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0655 SUNSET 1655

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

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

TIME CHECK - CLOCK AT: 0755 - P ± 0 Sec./ ± Sec./2100 P ±0 Sec.

SP=

RS=

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: JAN 18 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (18)
SA	0055	CLR	20			264	48	36	10	03		034	000	DC
SA	0153	CLR	20			262	49	36	16	04		034		DC
SA	0254	CLR	20			266	46	36	36	04		035		DC
SA	0358	CLR	20			264	51	35	03	09		035	002 40 RADAT 44116	RD
SA	0451	CLR	20			267	46	35	08	06		035		RD
SA	0555	CLR	20			273	50	34	09	03		036		RD
SA	0652	CLR	20			276	50	34	05	13		036	305 1001	RD
SA	0752	CLR	20			277	51	34	04	12		036		RD
SA	0851	CLR	20			280	55	34	05	11		037		RD
SA	0951	CLR	20			282	57	34	03	13		038	305 40	RD
SA	1052	CLR	20			274	61	35	02	10		036		RD
SA	1154	CLR	20			253	64	35	03	13		031		RD
SA	1252	CLR	20			237	67	35	05	06		028	830	RD
SA	1356	CLR	20			220	70	34	05	10		024		RD
SA	1451	CLR	20			220	70	33	12	07		023		RD
SA	1556	CLR	20			209	68	33	12	10		021	722 70 RADAT 24129	DC
SA	1653	CLR	20			220	64	32	11	09		022		DC
SA	1754	CLR	20			215	60	32	12	10		021		DC
SA	1854	CLR	20			219	54	32	01	04		021	000	DC
SA	1957	CLR	20			219	53	32	05	03		021		DC
SA	2053	CLR	20			225	49	32	03	03		023		DC
SA	2153	CLR	20			225	47	32	02	03		023	207 70	DC
SA	2253	CLR	20			223	48	32	05	03		023		DC
SA	2356	CLR	20			216	44	32	06	04		021		DC

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 18 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.900			63	0															0	0	.000			00-01
01 53	26.900			61	0															0					01-02
02 54	26.910			68	0															0					02-03
03 58	26.905			54	0															0	0	.005			03-04
04 57	26.905			66	0															0					04-05
05 55	26.915			54	0															0					05-06
06 52	26.920			54	0	0	Ci	250												0	3	.015			06-07
07 52	26.920			52	0															0					07-08
08 51	26.930			45	0															0					08-09
09 51	26.935			42	0															0	3	.015			09-10
10 52	26.920			38	0															0					10-11
11 54	26.875			34	0															0					11-12
12 52	26.845			31	0															0	8	.090			12-13
13 52	26.810			27	0															0					13-14
14 51	26.800			26	0															0					14-15
15 56	26.780			27	0															0	7	.065			15-16
16 53	26.790			30	0															0					16-17
17 54	26.780			35	0															0					17-18
18 54	26.780			43	0															0	0	.000			18-19
19 57	26.780			45	0															0					19-20
20 53	26.800			52	0															0					20-21
21 53	26.800			56	0															0	2	.020			21-22
22 53	26.800			54	0															0					22-23
23 56	26.780			62	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	52	42	X	X						X		
	0350	1	0	0	0	52	40		0								
	0944	2	0	0	0	57	45		0								
	1550	3	0	0	0	70	57		0								
	2148	4	0	0	0	68	46		0								
	MID.	X	0	0	0	49	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0950	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.905	26.933	26.780	26.800
BAROGRAPH 64	26.905	26.930	26.780	26.800
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 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
70	42	0	0	0	19	NE	0819*					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0656 SUNSET 1654

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

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

TIME CHECK - CLOCK AT: 0700 (2)/ Sec./2000 ± 0 Sec./ ± Sec.

* LAST OF SEVERAL OCCURRENCES

SP=

RS=

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: JAN 17 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0055	CLR	20			248	38	36	05	06		028	805	DC
SA	0154	CLR	20			254	38	35	36	06		030		DC
SA	0247	CLR	20			254	37	35	07	03		030		DC
SA	0349	CLR	20			256	37	35	31	04		030	105 37 RADAT 34118	AD
SA	0449	CLR	20			257	38	35	06	04		030		AD
SA	0549	CLR	20			258	39	37	10	07		030		AD
SA	0649	250 - SCT	20			270	37	35	12	04		032	307 1001	AD
SA	0749	250 - BKN	20			276	40	36	10	03		034		AD
SA	0849	250 - OVC	20			281	44	38	28	04		036		AD
SA	0949	250 - OVC	20			277	51	40	14	04		036	114 1001 35	AD
SA	1049	E250 OVC	20			277	54	41	12	07		036		AD
SA	1149	E250 OVC	20			270	56	40	32	06		034		AD
SA	1249	250 - OVC	20			254	57	38	21	08		029	820 1001	AD
SA	1349	250 - OVC	20			245	59	38	20	04		027		AD
SA	1449	250 - OVC	20			245	60	38	22	04		027		AD
SA	1557	250 - OVC	20			250	59	38	00	00		028	503 1001 60	DC
													RADAT 44120	
SA	1651	250 - OVC	20			254	56	38	00	00		030		DC
SA	1753	250 - OVC	20			259	48	37	06	03		030		DC
SA	1850	250 - SCT	20			265	46	37	12	04		031	207 1001	DC
SA	1953	250 - SCT	20			270	44	36	08	06		032		DC
SA	2050	CLR	20			268	42	36	00	00		032		DC
SA	2156	250 - SCT	20			269	43	35	08	04		034	210 1001 60	DC
SA	2256	250 - SCT	20			275	42	36	30	03		036		DC
SA	2354	CLR	20			271	42	36	05	05		035		DC

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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.1984-0-764-006/6086

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 17 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.845			93	0															0	8	.015			00-01
01 54	26.860			89	0															0					01-02
02 47	26.860			93	0															0					02-03
03 49	26.860			93.	0															0	1	.015			03-04
04 49	26.860			89	0															0					04-05
05 49	26.860			93	0															0.					05-06
06 49	26.880			93	4	4	CI	250												1	3	.020			06-07
07 49	26.900			85	6															2					07-08
08 49	26.920			79	10															4					08-09
09 49	26.920			66	10	10	CI	250												4	1	.040			09-10
10 49	26.920			61	10															6					10-11
11 49	26.900			55	10															7					11-12
12 49	26.860			49	10	10	CI	250												4	8	.060			12-13
13 49	26.840			46	10															4					13-14
14 49	26.840			44	10															3					14-15
15 57	26.850			46	10	10	CI	250												5	5	.010			15-16
16 51	26.860			51	10															2					16-17
17 53	26.860			66	10															1					17-18
18 50	26.870			71	1	1	CI	250												0	2	.020			18-19
19 53	26.880			73	1															0					19-20
20 50	26.880			79	0															0					20-21
21 56	26.900			73	1	1	CI	250												0	2	.030			21-22
22 56	26.915			79	2															0					22-23
23 54	26.910			79	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 0345	X	0	0	X	40	37	X	X						X		
	0345	1	0	0	0	42	37		0								
	0945	2	0	0	0	51	35		0								
	1550	3	0	0	0	60	51		0								
	2148	4	0	0	0	59	42		0								
	MID.	X	0	0	0	45	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.920	26.850	26.900
BAROGRAPH 64	26.845	26.905	26.850	26.900
BAR. CORR. 65	+.015	+.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 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
60	35	0	0	0	11	SW	1248*					10	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0656 SUNSET 1653

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

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

TIME CHECK-CLOCK AT: 0400 ±/ Sec./ 2000 ± 0 Sec./ ± Sec.

* LAST OF SEVERAL OCCURRENCES

SP=

RS=

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: JAN 16 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. REMARKS INITIALS (15)
SA	0053	CLR	20			201	39	36	34	05		014	400	DC
SA	0156	250 - BKN	20			214	40	38	14	04		018		DC
SA	0255	250 - SCT	20			215	41	37	03	05		018		DC
SA	0349	250 - SCT	20			216	40	37	10	04		018	114 1001 38 RADAT 57101	AD
SA	0449	250 - SCT	20			220	38	36	35	04		018		AD
SA	0549	250 - SCT	20			224	36	34	34	04		018		AD
SA	0649	15 SCT E250 BKN	10			239	36	35	02	04		023	314 1602	AD.
SA	0749	15 SCT E250 BKN	10			250	39	37	00	00		026		AD
SA	0849	15 SCT E140 BKN 250 BKN	10			252	48	41	13	08		028		AD
SA	0949	15 SCT 140 SCT 250 - BKN	10			258	51	41	11	08		031	224 1671 35	AD
SA	1049	25 SCT 250 - OVC	10			246	53	40	12	08		027		AD
SA	1149	35 SCT E250 OVC	15			246	55	40	16	08		027		AD
SA	1249	45 SCT E250 OVC	15			246	56	39	09	04		027	610 1502	AD
SA	1349	45 SCT 250 - BKN	15			235	56	38	12	07		024		AD
SA	1449	160 SCT 250 - BKN	15			228	58	37	13	06		023		AD
SA	1556	160 SCT E250 OVC	15			241	55	38	23	07		026	503 1022 58	DC
													RADAT 56105	
SA	1651	E160 BKN 250 OVC	20			241	53	38	21	03		025	BINOVC W-N	DC
SA	1753	160 SCT 250 - SCT	20			254	49	36	00	00		027		DC
SA	1856	CLR	20			259	44	36	06	03		028	307	DC
SA	1956	250 - SCT	20			261	43	36	00	00		030		DC
SA	2056	250 - SCT	20			255	42	36	10	06		029		DC
SA	2153	250 - SCT	20			255	42	36	05	04		030	203 1008 58	DC
SA	2257	250 - SCT	20			257	41	36	02	03		031		DC
SA	2356	CLR	20			254	40	37	00	00		030		DC

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$_1$W$_2$ 8N_hC$_L$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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 16 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.720			89	0															0	4	.000			00-01
01 56	26.755			93	7															2					01-02
02 55	26.760			86	2															0					02-03
03 49	26.760			89	4	4	CI	250												1	1	.040			03-04
04 49	26.760			92	4															1					04-05
05 49	26.760			93	4															1					05-06
06 49	26.800			96	8	1	ST	15	7	CI	E250	8								6	3	.040			06-07
07 49	26.830			93	8															6					07-08
08 49	26.850			77	9															8					08-09
09 49	26.870			68	7	1	ST	15	1	AC	140	2	5	CI	250	7				3	2	.070			09-10
10 49	26.840			61	10															4					10-11
11 49	26.840			57	10															8					11-12
12 49	26.840			52	10	2	SC	45	8	CI	E250	10								8	6	.030			12-13
13 49	26.810			51	9															4					13-14
14 49	26.800			46	9															4					14-15
15 56	26.830			53	10	4	AS	160	6	CI	E250	10								6	5	.010			15-16
16 51	26.820			57	10															9					16-17
17 53	26.840			61	2															1					17-18
18 56	26.850			73	0															0	3	.020			18-19
19 56	26.860			76	4															0					19-20
20 56	26.855			79	1															0					20-21
21 53	26.860			79	1	1	CS	250												0	2	.010			21-22
22 57	26.870			82	1															0					22-23
23 56	26.860			89	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 0345	X	0	0	X	44	38	X	X						X		
	0345	1	0	0	0	44	38		0								
	0945	2	0	0	0	51	35		0								
	1550	3	0	0	0	58	51		0								
	2148	4	0	0	0	55	41		0								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.870	26.830	26.860
BAROGRAPH 64	26.840	26.860	26.820	26.855
BAR. CORR. 65	+.020	+.010	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	35	0	0	0	13	SE	1113					9	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0656 SUNSET 1652

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

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

TIME CHECK - CLOCK AT: 0500 ±1 Sec./ 1903 ±0 Sec./ ± Sec.

SP=

RS=

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: JAN 15 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND GUSTS (Kts.) (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTED CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0050	55 SCT 250 - OVC	20			142	45	34	10	03		998	703 1507	MR
SA	0150	55 SCT 250 - OVC	20			142	44	36	35	03		998		MR
SA	0250	M45 OVC	20			145	45	35	05	03		999		MR
SA	0350	M 38 OVC	20			138	45	39	11	07		997	903 15// 43 RADAT 93073	CRD
SA	0453	M 38 BKN	20			146	43	38	10	06		998		CRD
SA	0552	M38 BKN 250 OVC	20			155	43	38	10	06		001		CRD
SA	0650	38 SCT E250 BKN	20			161	41	38	11	06		002	215 1508	CRD
SA	0752	20 SCT 40 SCT E250 BKN	20			165	44	40	14	08		004	FBNK E-S	CRD
SA	0851	40 SCT 250 SCT	20			169	46	41	13	12		005	FBNK SE	CRD
SA	0952	40 SCT 250 SCT	20			181	49	41	13	09		008	220 1501 40	CRD
SA	1050	40 SCT	20			168	52	40	14	10		005		CRD
SA	1150	40 SCT 250 - OVC	20			156	54	40	10	11 G 15		002		CRD
SA	1250	40 SCT E250 OVC	20			156	54	39	11	09		002	620 1507	CRD
SA	1348	40 SCT E250 OVC	20			154	56	39	13	11		002		CRD
SA	1450	40 SCT 250 - OVC	20			152	54	39	11	12 G 17		001		CRD
SA	1555	40 SCT 250 - SCT	20			160	54	38	11	12		003	303 1508 57	DC
													RADAT 79 L 075 087091	
SA	1655	250 - SCT	20			165	50	38	12	08		004	FEW SE	DC
SA	1753	250 - SCT	20			171	47	39	13	10		005		DC
SA	1856	40 SCT	20			181	47	39	10	07		008	314 1500	DC
SA	1956	M 50 BKN	20			189	45	38	06	03		010		DC
SA	2057	50 SCT	20			193	44	37	00	00		011		DC
SA	2155	50 SCT	20			204	42	36	10	04		014	220 1500 57	DC
SA	2257	CLR	20			200	42	38	31	03		014		DC
SA	2358	CLR	20			200	41	37	08	04		014		DC

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

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

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

☆U.S.GPO:1984-0-764-006/5085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 15 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.575			65	10	3	Sc	55	7	CS	250	10								5	7	.010			00-01
01 50	26.575			73	10															4					01-02
02 50	26.580			68	10															10					02-03
03 50	26.565			79	10	10	Sc	M38												10	8	.010			03-04
04 53	26.580			82	8															8					04-05
05 52	26.600			82	10															7					05-06
06 50	26.610			88	8	5	Sc	38	3	CS	E250	8								7	2	.045			06-07
07 52	26.630			86	7															5					07-08
08 51	26.640			83	5															4					08-09
09 52	26.670			74	5	3	Sc	40	2	CS	250	5								3	2	.060			09-10
10 50	26.640			64	1															1					10-11
11 50	26.610			59	10															5					11-12
12 50	26.610			57	10	1	Sc	40	9	CS	E250	10								6	6	.060			12-13
13 48	26.605			49	10															6					13-14
14 50	26.600			52	10															5					14-15
15 55	26.620			55	3	1	SC	40	2	CS	250	3								1	3	.010			15-16
16 55	26.625			63	5															0					16-17
17 53	26.635			74	3															1					17-18
18 56	26.660			74	4	4	SC	40												4	3	.040			18-19
19 56	26.680			76	6															6					19-20
20 57	26.690			76	5															5					20-21
21 55	26.720			79	5	5	SC	50												5	2	.060			21-22
22 57	26.720			86	0															0					22-23
23 58	26.720			86	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 0345	X	0	0	X	47	43	X	X						X		
	0345	1	0	0	0	47	43		0								
	0945	2	0	0	0	49	40		0								
	1550	3	0	0	0	57	49		0								
	2149	4	0	0	0	54	42		0								
	MID.	X	0	0	0	44	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.670	26.620	26.720
BAROGRAPH 64	26.540	26.640	26.595	26.700
BAR. CORR. 65	+.025	+.030	+.025	+.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
57	39	0	0	0	20	SE	1419					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 0657 SUNSET 1651

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

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

TIME CHECK-CLOCK AT: 0450 ± 0 Sec./ 2000 ± 0 Sec./ ± Sec.

SP=

RS=

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: JAN 14 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	180 SCT E250 OVC	20			170	45	23	00	00		008	714 1077	MR
SA	0151	E170 BKN 250 OVC	20			169	42	24	02	05		007		MR
SA	0250	E170 BKN 250 OVC	20			163	44	24	34	02		005		MR
SA	0350	E190 OVC	20			156	45	22	29	02		003	714 107/ 40 RADAT 20116	CRD
SA	0450	E190 OVC	20			151	45	22	32	02		001		CRD
SA	0550	E190 BKN 250 OVC	20			153	43	24	35	03		001		CRD
SA	0651	E190 OVC	20			160	45	22	02	06		002	503 107/	CRD
SA	0753	120 SCT E190 BKN 250 OVC	20			163	45	23	11	04		003		CRD
SA	0851	80 SCT 190 SCT E250 OVC	20			164	49	25	31	02		003		CRD
SA	0953	80 SCT E250 OVC	20			163	54	21	07	03		003	103 1507 40	CRD
SA	1050	80 SCT E250 OVC	20			156	55	20	11	06		002		CRD
SA	1150	80 SCT E250 OVC	20			141	56	21	13	05		998		CRD
SA	1250	80 SCT 120 SCT E250 OVC	20			133	57	21	13	07		996	722 1577	CRD
SA	1350	E80 BKN 120 BKN 250 OVC	20			133	57	21	13	12		995		CRD
SA	1450	E80 BKN 120 BKN 250 OVC	20			133	55	22	12	06		995		CRD
SA	1551	55 SCT E100 OVC	20			140	56	22	19	03		998	VIRGA NE 305 151/ 57	MR
/													RADAT 59084	/
SA	1651	60 SCT E100 BKN 250 OVC	20			148	53	31	21	08		999		MR
SA	1752	60 SCT E90 OVC	20			147	51	34	02	04		999		MR
SA	1853	60 SCT E90 OVC	20			143	51	30	10	05		998	000 157/	MR
SA	1950	E90 BKN 250 OVC	20			147	50	32	11	05		999		MR
SA	2052	60 SCT E90 BKN 250 OVC	20			147	49	32	11	05		999		MR
SA	2152	M55 OVC	20			146	48	33	11	04		999	105 15// 57	MR
SA	2249	M55 OVC	20			145	46	34	30	03		999		MR
SA	2352	M55 BKN 250 OVC	20			142	45	34	02	04		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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 14 1986

To convert LST to GMT ADD 2 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.660			40	10	3	AC	180	10	CS	E250	10								9	7	.040			00-01
01 51	26.655			49	10															10					01-02
02 50	26.640			46	10															9					02-03
03 50	26.620			40	10	10	AC	E190												10	7	.040			03-04
04 50	26.600			40	10															10					04-05
05 50	26.600			47	10															10					05-06
06 51	26.610			41	10	10	AC	E190												10	5	.010			06-07
07 53	26.615			42	10															10					07-08
08 51	26.620			39	10															9					08-09
09 53	26.620			27	10	4	SC	80	6	CS	E250	10								8	1	.010			09-10
10 50	26.610			25	10															9					10-11
11 50	26.575			25	10															9					11-12
12 50	26.550			24	10	3	SC	80	2	AC	120	5	5	CS	E250	10				9	7	.065			12-13
13 50	26.550			24	10															10					13-14
14 50	26.550			28	10															10					14-15
15 51	26.570			27	10	3	SC	55	10	AS	E100	10								10	3	.015			15-16
16 51	26.585			42	10															10					16-17
17 52	26.580			51	10															10					17-18
18 53	26.570			45	10	3	SC	60	10	AC	E90	10								10	0	.000			18-19
19 50	26.580			51	10															10					19-20
20 52	26.585			52	10															9					20-21
21 52	26.585			56	10	10	SC	N55												10	1	.015			21-22
22 49	26.585			62	10															10					22-23
23 52	26.575			65	10															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	47	40	X	X						X		
	0347	1	0	0	0	47	40		0								
	0948	2	0	0	0	54	40		0								
	1548	3	0	0	0	57	54		0								
	2148	4	0	0	0	56	47		0								
	MID.	X	0	0	0	47	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0341	0952	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.610	26.570	26.585
BAROGRAPH 64	26.610	26.610	26.550	26.560
BAR. CORR. 65	+.010	+.010	+.020	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
57	40	0	0	0	14	SW	1639 ✓					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0553 ± 0 Sec./ 1654P ± 0 Sec./ ± Sec.

2152 / 2151P

✓ LAST OF SEVERAL OCCURRENCES

SP=

RS=

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: JAN 13 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0054	250 - SCT	20			241	45	24	00	00		028	805 1008	MR
SA	0153	250 - SCT	20			239	41	23	10	02		027		MR
SA	0250	250 - SCT	20			238	42	23	33	02		027		MR
SA	0354	250 - SCT	20			236	40	24	36	03		026	807 1008 38 RADAT 20132	CRD
SA	0454	250 - SCT	20			240	40	24	06	02		026		CRD
SA	0550	250 - SCT	20			242	41	23	35	03		026		CRD
SA	0650	250 - BKN	20			248	38	23	35	03		026	400 1006	CRD
SA	0750	250 - BKN	20			246	43	25	05	05		026		CRD
SA	0850	250 - BKN	20		240	246	54	23	11	08		026		CRD
SA	0952	250 - OVC	20			241	56	23	11	07		026	400 1007 37	CRD
SA	1050	250 - OVC	20			231	58	23	31	04		024		CRD
SA	1150	250 - OVC	20			214	62	23	13	10		019		CRD
SA	1250	250 - OVC	20			201	64	22	08	06	19	016	730 1007	CRD
SA	1350	250 - OVC	20			191	64	21	13	12		013		CRD
SA	1450	250 - OVC	20			190	64	21	12	10	16	013		CRD
SA	1551	250 - OVC	20			199	62	22	13	11		015	505 1007 65	MR
/												/	RADAT 33125	/
SA	1649	250 - OVC	20			199	57	21	14	03		014		MR
SA	1751	E 250 OVC	20			198	54	22	13	10		014		MR
SA	1852	E 250 OVC	20			203	48	22	30	03		013	705 1007	MR
SA	1950	E 250 OVC	20			200	46	22	33	04		013		MR
SA	2050	E 250 OVC	20			192	43	23	06	03		012		MR
SA	2152	250 - OVC	20			191	43	23	01	03		012	703 1007 65	MR
SA	2252	250 - OVC	20			186	42	23	07	02		011		MR
SA	2352	180 SCT E 250 OVC	20			177	45	22	34	04		009		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 5oppp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

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

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 13 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.850			42	4	4	CS	250												1	8	.015			00-01
01 53	26.840			49	3															0					01-02
02 50	26.840			46	1															0					02-03
03 54	26.830			51	1	1	CS	250												0	8	.020			03-04
04 54	26.830			51	4															0					04-05
05 50	26.830			48	4															0					05-06
06 50	26.830			54	7	7	CS	250												1	4	.000			06-07
07 50	26.830			48	8															2					07-08
08 50	26.830			30	7															2					08-09
09 52	26.830			28	10	10	CS	250												4	4	.000			09-10
10 50	26.810			26	10															5					10-11
11 50	26.770			22	10															5					11-12
12 50	26.740			20	10	10	CS	250												4	7	.090			12-13
13 50	26.710			19	10															4					13-14
14 50	26.710			19	10															4					14-15
15 51	26.725			21	10	10	CS	250												4	5	.015			15-16
16 49	26.720			24	10															4					16-17
17 51	26.715			29	10															7					17-18
18 52	26.710			35	10	10	CS	250												6	7	.015			18-19
19 50	26.710			39	10															6					19-20
20 50	26.700			44	10															6					20-21
21 52	26.700			45	10	10	CS	250												4	7	.010			21-22
22 52	26.690			47	10															5					22-23
23 52	26.675			41	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		46	38										
	0349	1	0	0	0	46	38		0								
	0948	2	0	0	0	56	37		0								
	1547	3	0	0	0	65	56		0								
	2148	4	0	0	0	62	41		0								
	MID.		0	0	0	46	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.830	26.725	26.700
BAROGRAPH 64	26.840	26.830	26.715	26.685
BAR. CORR. 65	-.010	0*	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNREL 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
65	37	0	0	0	19	E	1242					10	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 SUNSET

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

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

TIME CHECK-CLOCK AT: 0833 ±0 Sec./ 2048P ±0 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED

0850/SLP 240/0400P 1/14/86

SP=

RS=

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: JAN 12 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10s-36s) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (13b)
SA	0053	CLR	20			252	47	26	05	07		032	000	EP
SA	0151	CLR	20			250	48	25	05	09		032		EP
SA	0250	CLR	20			249	48	25	06	05		032		EP
SA	0350	CLR	20			245	50	25	04	10		031	803 44 RADAT 20124	CRD
SA	0451	CLR	20			251	45	26	03	09		031		CRD
SA	0555	CLR	20		252	~~242~~	47	26	04	08		031		CRD
SA	0654	CLR	20			264	43	26	11	05		033	307 1001	CRD
SA	0750	CLR	20			270	48	27	07	06		034	FEW C1	CRD
SA	0852	CLR	20			265	55	25	03	08		035	FEW C1	CRD
SA	0955	250-SCT	20			262	61	25	10	08		035	207 1001 42	CRD
SA	1050	250-SCT	20			255	63	26	14	10		033		CRD
SA	1150	250-SCT	20			242	65	25	13	11		028		CRD
SA	1252	250-BKN	20			233	66	25	12	12		026	727 1008 6	CRD
SA	1353	250-OVC	20			228	67	24	13	12		025		CRD
SA	1451	250-OVC	20			228	67	24	12	12		025		CRD
SA	1554	250-OVC	20			229	66	25	12	10		026	502 1007 68	MR
													RADAT 20128	
SA	1652	250-OVC	20			242	59	25	11	07		027		MR
SA	1752	250-BKN	20			248	53	25	13	06		028		MR
SA	1852	250-BKN	20			251	50	25	10	05		028	108 1008	MR
SA	1953	250-BKN	20			253	49	25	34	03		030		MR
SA	2053	250-OVC	20			252	46	25	22	03		030		MR
SA	2152	250-BKN	20			251	43	25	04	02		030	105 1008 68	MR
SA	2250	250-SCT	20			250	43	25	06	03		030		MR
SA	2352	250-SCT	20			246	41	24	12	05		029		MR

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 12 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.880			44	0															0	0	.000			00-01
01 51	26.880			40	0															0					01-02
02 50	26.880			41	0															0					02-03
03 50	26.870			37	0															0	8	.010			03-04
04 51	26.870			47	0															0					04-05
05 55	26.865			42	0															0					05-06
06 54	26.890			52	0	0	CI	250												0	3	.020			06-07
07 55	26.900			44	0															0					07-08
08 52	26.905			31	0															0					08-09
09 55	26.910			25	1	1	CI	250												0	2	.020			09-10
10 50	26.890			28	1															0					10-11
11 50	26.850			22	1															0					11-12
12 52	26.830			21	6	6	CS	250												2	7	.080			12-13
13 53	26.820			20	10															2					13-14
14 51	26.820			19	10															2					14-15
15 54	26.825			21	10	10	CS	250												2	5	.005			15-16
16 52	26.840			27	10															1					16-17
17 52	26.850			34	8															1					17-18
18 52	26.850			38	8	8	CS	250												1	1	.025			18-19
19 53	26.860			39	6															1					19-20
20 53	26.865			43	10															2					20-21
21 52	26.865			49	7	7	CS	250												1	1	.015			21-22
22 50	26.865			49	2															0					22-23
23 52	26.855			50	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 0347	X	0	0	X	52	44	X	X						X		
	0347	1	0	0	0	54	44		0								
	0950	2	0	0	0	61	42		0								
	1550	3	0	0	0	68	61		0								
	2149	4	0	0	0	66	41		0								
	MID.	X	0	0	0	43	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.870	26.910	26.825	26.865
BAROGRAPH 64	26.890	26.920	26.825	26.860
BAR. CORR. 65	-.020	-.010	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
68	41	0	0	0	17	SE	1339					4	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

TIME CHECK - CLOCK AT: 0800 ± 0 Sec./ 1656P ⊕ 0 Sec./ ± Sec.

1254/1252

!! LAST OF SEVERAL OCCURRENCES

0555/SCP 252/0400 1/10/86

SP=

RS=

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: JAN 11 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°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 (20)
SA	0051	CLR	20			258	44	25	00	00		033	802	EP
SA	0150	CLR	20			260	43	25	00	00		034		EP
SA	0250	CLR	20			256	43	24	01	04		033		EP
SA	0350	CLR	20			256	45	24	31	05		033	602 40 RADAT 23114	CH
SA	0450	CLR	20			261	42	25	09	03		033		CH
SA	0550	CLR	20			263	43	24	00	00		033		CH
SA	0650	CLR	20			276	41	24	00	00		035	307	CH
SA	0750	CLR	20			277	45	25	00	00		036		CH
SA	0850	CLR	20			284	52	25	00	00		038		CH
SA	0950	CLR	20			278	60	24	04	08		038	110 1001 40	CH
SA	1050	CLR	20			270	63	24	10	09		036		CH
SA	1150	250-SCT	20			262	65	24	12	10		034		CH
SA	1250	250-SCT	20			248	67	24	11	10		031	724 1001	CH
SA	1350	250-SCT	20			241	68	24	14	10		028		CH
SA	1450	250-BKN	20			237	69	24	13	12		027		CH
SA	1552	250-BKN	20			237	67	25	12	10		027	610 1001 69 RADAT 20127	EP
SA	1652	250-SCT	20			244	62	25	12	09		027		EP
SA	1750	CLR	20			249	54	26	11	09		028		EP
SA	1853	CLR	20			252	57	25	05	04		029	307 1001	EP
SA	1952	CLR	20			258	48	27	07	03		031		EP
SA	2055	CLR	20			257	52	26	09	05		032		EP
SA	2150	CLR	20			252	54	25	05	08		032	107 69	EP
SA	2250	CLR	20			255	52	25	08	07		033		EP
SA	2350	CLR	20			254	45	27	05	08		032		EP

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

☆U.S.GPO:1984-0-764-006/6385

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 11 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.895			47	0															0	8	.005			00-01
01 50	26.900			49	0															0					01-02
02 50	26.890			47	0															0					02-03
03 50	26.890			43	0															0	6	.005			03-04
04 50	26.890			51	0															0					04-05
05 50	26.890			47	0															0					05-06
06 50	26.910			50	0															0	3	.020			06-07
07 50	26.920			45	0															0					07-08
08 50	26.940			35	0															0					08-09
09 50	26.940			25	0	0	CI	250												0	1	.030			09-10
10 50	26.920			22	0															0					10-11
11 50	26.900			21	3															0					11-12
12 50	26.870			20	3	3	CI	250												0	7	.070			12-13
13 50	26.850			19	4															0					13-14
14 50	26.840			18	6															0					14-15
15 52	26.840			20	8	8	CI	250												0	6	.030			15-16
16 52	26.845			24	5															0					16-17
17 50	26.850			34	0															0					17-18
18 53	26.860			29	0	0	CI	250												0	3	.020			18-19
19 52	26.870			44	0															0					19-20
20 55	26.880			36	0															0					20-21
21 50	26.880			32	0															0	1	.020			21-22
22 50	26.890			35	0															0					22-23
23 50	26.880			49	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		47	40										
	0347	1	0	0	0	47	40		0								
	0947	2	0	0	0	60	40		0								
	1549	3	0	0	0	69	60		0								
	2047	4	0	0	0	67	47		0								
	MID.		0	0	0	54	45										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2048
ATT. THERM. 60				
SERVO. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.890	26.940	26.840	26.880
BAROGRAPH 64	26.880	26.935	26.845	26.890
BAR. CORR. 65	+.010	+.005	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
69	40	0	0	0	15	E	1246					3	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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0940P 0 Sec./ 2200 ±0 Sec./ ± Sec.

SP=

RS=

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: JAN. 10 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's deg.) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	REPORTERS INITIALS (14)
SA	0051	CLR	20			275	43	19	02	03		037	103	EP
SA	0152	CLR	20			280	41	17	03	04		038		EP
SA	0251	CLR	20			283	41	18	00	00		039		EP
SA	0350	CLR	20			277	43	20	12	04		037	000 39	CH
/													RADAT 20115	/
SA	0450	CLR	20			281	41	19	12	04		037		CH
SA	0550	CLR	20			288	44	19	00	00		038		CH
SA	0650	CLR	20			296	39	19	10	03		040	307	CH
SA	0750	CLR	20			298	44	20	00	00		041		CH
SA	0850	CLR	20			296	53	22	00	00		042		CH
SA	0950	CLR	20			290	59	21	04	10		042	107 38	CH
SA	1050	CLR	20			281	62	20	03	04		040		CH
SA	1150	CLR	20			271	65	20	12	06		036		CH
SA	1250	CLR	20			256	68	21	12	07		033	727	CH
SA	1350	CLR	20			254	69	20	12	09		032		CH
SA	1450	CLR	20			250	69	20	13	08		031		CH
SA	1554	CLR	20			245	67	20	14	11		029	710 70 RADAT 20122	EP
SA	1651	CLR	20			249	62	21	11	08		029		EP
SA	1750	CLR	20			259	56	24	08	04		032		EP
SA	1850	CLR	20			269	50	25	12	04		033	310	EP
SA	1951	CLR	20			266	49	24	05	04		033		EP
SA	2057	CLR	20			266	45	25	01	05		033		EP
SA	2151	CLR	20			264	46	25	02	05		034	303 70	EP
SA	2250	CLR	20			262	45	24	00	00		034		EP
SA	2353	CLR	20			262	43	24	03	04		034		EP

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

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

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

☆U.S.GPO:1984 0-764-006/6605

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN. 10 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.930			38	0															0	1	.010			00-01
01 52	26.940			38	0															0					01-02
02 51	26.945			39	0															0					02-03
03 50	26.930			40	0															0	0	.000			03-04
04 50	26.930			41	0															0					04-05
05 50	26.940			36	0															0					05-06
06 50	26.950			44	0															0	3	.020			06-07
07 50	26.960			38	0															0					07-08
08 50	26.970			30	0															0					08-09
09 50	26.970			23	0															0	1	.020			09-10
10 50	26.950			20	0															0					10-11
11 50	26.920			18	0															0					11-12
12 50	26.890			17	0															0	7	.080			12-13
13 50	26.880			15	0															0					13-14
14 50	26.870			15	0															0					14-15
15 54	26.860			16	0															0	7	.030			15-16
16 51	26.860			20	0															0					16-17
17 50	26.880			29	0															0					17-18
18 50	26.890			37	0															0	3	.030			18-19
19 51	26.890			37	0															0					19-20
20 57	26.895			45	0															0					20-21
21 51	26.900			44	0															0	3	.010			21-22
22 50	26.900			43	0															0					22-23
23 53	26.900			47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		46	39										
	0347	1	0	0	0	49	39		0								
	0947	2	0	0	0	59	38		0								
	1549	3	0	0	0	70	59		0								
	2148	4	0	0	0	67	44		0								
	MID		0	0	0	47	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.930	26.970	26.860	26.900
BAROGRAPH 64	26.930	26.970	26.870	26.900
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
70	38	0	0	0	14	SE	1416					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 SUNSET

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

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

TIME CHECK-CLOCK AT: 1045P @ 0 Sec./ 2130 ± 0 Sec./ ± Sec.

SP=

RS=

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: JAN 09 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (15)
SA	0052	CLR	20			275	38	16	00	00		035	807	EP
SA	0150	CLR	20			274	37	15	13	07		035		EP
SA	0251	CLR	20			276	35	17	02	04		035		EP
SA	0350	250 SCT	20			277	34	16	01	04		035	400 1001 33	CH
													RADAT 23117	
SA	0450	250 SCT	20			278	35	15	12	05		035		CH
SA	0550	250 SCT	20			288	34	15	31	04		036		CH
SA	0650	250 SCT	20			295	37	13	04	07		038	310 1001	CH
SA	0750	CLR	20			300	40	16	00	00		040		CH
SA	0850	CLR	20			300	46	17	00	00		041		CH
SA	0950	CLR	20			296	51	16	00	00		041	FEW CI/ 107 1001 32	CH
SA	1050	CLR	20			288	56	15	00	00		040		CH
SA	1150	CLR	20			275	60	14	00	00		036		CH
SA	1250	CLR	20			266	62	14	24	04		034	FEW CI/ 820 1001	CH
SA	1350	250 SCT	20			259	62	15	22	05		032		CH
SA	1450	250 - SCT	20			257	61	15	22	07		031		CH
SA	1553	250 - BKN	20			262	59	17	22	07		032	507 1001 64 RADAT 20119	EP
SA	1651	250 - BKN	20			265	54	17	19	04		032		EP
SA	1751	250 - SCT	20			275	46	24	05	06		033		EP
SA	1858	CLR	20			277	44	23	04	04		034	307 1001	EP
SA	1950	CLR	20			281	42	24	00	00		035		EP
SA	2051	CLR	20			278	42	21	13	05		035		EP
SA	2152	CLR	20			275	47	18	00	00		036	307 ~~10~~ 64	EP
SA	2252	CLR	20			273	45	18	26	03		036		EP
SA	2352	CLR	20			277	41	18	15	07		037		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 09 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.910			40	0															0	8	.020			00-01
01 50	26.910			40	0															0					01-02
02 51	26.910			47	0															0					02-03
03 50	26.910			47	4	4	CI	250												4	4	.000			03-04
04 50	26.910			44	4															4					04-05
05 50	26.920			45	4															4					05-06
06 50	26.940			37	1	1	CI	250												1	3	.030			06-07
07 50	26.950			37	0															0					07-08
08 50	26.960			31	0															0					08-09
09 50	26.960			25	0	0	CI	250												0	1	.020			09-10
10 50	26.950			20	0															0					10-11
11 50	26.920			16	0															0					11-12
12 50	26.900			15	0	0	CI	250												0	8	.060			12-13
13 50	26.880			16	1															1					13-14
14 50	26.870			16	4															1					14-15
15 53	26.880			19	7	7	CI	250												2	5	.020			15-16
16 51	26.880			23	6															2					16-17
17 51	26.890			42	2															0					17-18
18 58	26.900			43	0	0	CI	250												0	3	.020			18-19
19 50	26.910			49	0															0					19-20
20 51	26.910			43	0															0					20-21
21 52	26.920			31	0															0	3	.020			21-22
22 52	26.920			34	0															0					22-23
23 52	26.930			39	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	42	33	X	X						X		
	0347	1	0	0	0	42	33		0								
	0947	2	0	0	0	51	32		0								
	1548	3	0	0	0	64	51		0								
	2148	4	0	0	0	59	41		0								
	MID.	X	0	0	0	49	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.910	26.960	26.880	26.920
BAROGRAPH 64	26.910	26.960	26.880	26.920
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 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
64	32	0	0	0	11	NE	0657					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 1353 P ±3 Sec./ 2052 ±0 Sec./ ± Sec.

2152/2152

SP=

RS=

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: JAN 08 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			319	39	12	05	11		048	805	HS
SA	0152	CLR	20			321	39	11	04	13		048		HS
SA	0251	CLR	20			322	39	11	05	09		048		HS
A	0320	CLR	20			323	38	11	12	03		046	102 37 RHDAT 20136	EP
SA	0452	CLR	20			326	37	11	07	06		048		EP
SA	0534	CLR	20			326	39	9	04	09		048		EP
SA	0650	CLR	20			330	38	9	05	10		049	303 1001	EP
SA	0750	CLR	20			334	40	10	04	11		050		EP
SA	0851	250 - SCT	20			337	45	11	04	07		052		EP
SA	0951	250 - BKN	20			334	47	10	02	07		052	107 1005 34	EP
SA	1052	250 - BKN	20			322	50	11	00	00		048		EP
SA	1150	250 - BKN	20			308	53	12	12	04		045		EP
SA	1250	250 - BKN	20			297	54	11	07	03		041	730 1006	EP
SA	1351	250 - BKN	20			288	56	11	15	03		040		EP
SA	1452	250 - BKN	20			284	56	11	17	03		038		EP
SA	1552	250 - BKN	20			282	55	12	12	07		037	614 1001 57 RADAT 10119	EP
SA	1650	250 - SCT	20			281	51	14	09	06		036		EP
SA	1750	250 - SCT	20			285	43	20	31	03		036		EP
SA	1850	CLR	20			292	40	20	10	04		037	500 1001	EP
SA	1955	CLR	20			292	38	18	09	05		037		EP
SA	2054	CLR	20			288	38	18	12	03		037		EP
SA	2151	CLR	20			287	38	15	00	00		037	400 1001 57	EP
SA	2250	CLR	20			285	39	18	07	05		037		EP
SA	2353	CLR	20			280	38	17	08	04		036		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (5-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO; DESERT ROCK NEVADA

DATE: JAN 08 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	27.025			33	0															0	8	.015			00-01
01 52	27.030			31	0															0					01-02
02 51	27.030			32	0															0					02-03
03 50	27.030			32	0															0	1	.005			03-04
04 52	27.030			34	0															0					04-05
05 54	27.030			29	0															0					05-06
06 50	27.040			30	0	0	Ci	250												0	3	.010			06-07
07 50	27.050			29	0															0					07-08
08 51	27.060			25	1															0					08-09
09 51	27.060			22	7	7	Ci	250												1	1	.020			09-10
10 52	27.030			21	8															1					10-11
11 50	27.000			19	8															2					11-12
12 50	26.970			18	8	8	Ci	250												3	7	.090			12-13
13 51	26.950			17	8															4					13-14
14 52	26.940			17	9															4					14-15
15 52	26.930			18	8	8	Ci	250												4	6	.040			15-16
16 50	26.920			23	3															1					16-17
17 50	26.920			40	1															0					17-18
18 50	26.930			44	0	0	Ci	250												0	5	.000			18-19
19 55	26.930			44	0															0					19-20
20 54	26.930			44	0															0					20-21
21 51	26.930			39	0	0	Ci	250												0	4	.000			21-22
22 50	26.930			42	0															0					22-23
23 53	26.920			42	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 0346	X	0	0	X	40	37	X	X						X		
	0346	1	0	0	0	41	37		0								
	0945	2	0	0	0	47	34		0								
	1548	3	0	0	0	57	47		0								
	2147	4	0	0	0	55	37		0								
	MID.	X	0	0	0	40	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.030	27.060	26.930	26.930
BAROGRAPH 64	27.035	27.060	26.930	26.920
BAR. CORR. 65	-.005	±.0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
57	34	0	0	0	15	NE	0615					6	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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0546P ⊕ 0 Sec./ 1851 0 ± Sec./ ± Sec.

SP=

RS=

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: JAN 07 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			305	39	12	06	08		045	114	HS
SA	0152	CLR	20			304	40	10	06	07		045		HS
SA	0250	CLR	20			306	38	11	06	07		045		HS
SA	0355	CLR	20			318	36	14	05	11		048	310 36 RADAT 30L005102	[illegible]
SA	0450	CLR	20			322	35	14	02	12		048		[illegible]
SA	0554	CLR	20			330	35	15	04	10		049		[illegible]
SA	0655	CLR	20			333	37	13	05	09		051	307	[illegible]
SA	0750	CLR	20			342	38	15	03	10		053		[illegible]
SA	0853	CLR	20			346	44	13	08	13		055		[illegible]
SA	0951	CLR	20			356	45	15	07	10		057	220 34	[illegible]
SA	1054	CLR	20			349	48	14	03	12		056		[illegible]
SA	1153	CLR	20			334	51	12	06	13		052		[illegible]
SA	1255	CLR	20			318	53	10	02	12		047	830 1001	[illegible]
SA	1355	CLR	20			312	53	13	12	11		046		[illegible]
SA	1450	CLR	20			310	52	12	13	13		045		[illegible]
SA	1554	CLR	20			317	51	12	12	10		047	502 1001 54	
—	—												RADAT 27L071098130	HS
SA	1653	CLR	20			324	47	13	11	08		047		HS
SA	1752	CLR	20			329	46	14	09	09		049		HS
SA	1851	CLR	20			330	47	12	07	10		049	108	HS
SA	1953	CLR	20			335	43	15	06	08		051		HS
SA	2052	CLR	20			330	40	16	06	10		049		HS
SA	2152	CLR	20			329	40	13	05	13		049	000 54	HS
SA	2250	CLR	20			331	40	12	04	11		051		HS
SA	2350	CLR	20			322	40	11	04	10		048		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 $1s_n$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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 07 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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 CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	27.000			33	0															0	1	.040			00-01
01 52	27.000			29	0															0					01-02
02 50	27.000			32	0															0					02-03
03 53	27.030			40	0															0	3	.030			03-04
04 50	27.030			42	0															0					04-05
05 51	27.040			44	0															0					05-06
06 55	27.050			37	0															0	3	.020			06-07
07 50	27.070			39	0															0					07-08
08 53	27.090			28	0															0					08-09
09 51	27.110			29	0															0	2	.060			09-10
10 54	27.100			25	0															0					10-11
11 53	27.060			21	0															0					11-12
12 55	27.020			18	0	0	CI	250												0	8	.090			12-13
13 55	27.010			20	0															0					13-14
14 50	27.000			20	0															0					14-15
15 54	27.015			20	0	0	CI	250												0	5	.005			15-16
16 53	27.020			24	0															0					16-17
17 52	27.035			27	0															0					17-18
18 51	27.040			25	0															0	1	.025			18-19
19 53	27.050			33	0															0					19-20
20 52	27.040			37	0															0					20-21
21 52	27.040			32	0															0	0	.000			21-22
22 50	27.050			32	0															0					22-23
23 50	27.030			31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		41	36										
	0347	1	0	0	0	43	36		0								
	0946	2	0	0	0	45	34		0								
	1552	3	0	0	0	54	45		0								
	2149	4	0	0	0	51	39		0								
	MID.		0	0	0	41	39										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.030	27.110	27.015	27.040
BAROGRAPH 64	27.035	27.100	27.010	27.045
BAR. CORR. 65	-.005	+.010	+.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. 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
54	34	0	0	0	*18	SE	1416					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0500P @ 0 Sec./ 1755P @ 0 Sec./ ± Sec.

* LAST OF SEVERAL OCCURRENCES.

SP=

RS=

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

☆ U.S.GPO:1983-0-764-006/6069

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: 6 JAN 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0053	CLR	20			220	41	40	26	04		020	500	HS
SA	0151	CLR	20			228	42	40	24	03		022		HS
SA	0250	CLR	20			224	41	40	33	03		021		HS
SA	0350	CLR	20			227	38	37	04	03		021	003 38 20010 RADAT 34099	HS
SA	0453	CLR	20			227	38	37	10	05		021		HS
SA	0551	CLR	20			235	36	36	08	02		023		HS
SA	0653	CLR	20			237	35	35	03	07		023	GF S AND NW / 107	HS
SA	0751	CLR	20			246	39	38	13	03		026	GF SE AND NW	HS
SA	0852	CLR	20			253	44	41	09	05		029		HS
SA	0954	CLR	20			258	52	43	13	06		031	125 35	HS
SA	1055	CLR	20			250	59	30	32	13		029		HS
SA	1150	CLR	20			235	59	27	31	14		026		HS
SA	1253	CLR	20			227	60	23	31	13	G20	023	825	HS
SA	1356	CLR	20			230	61	18	01	14	G21	024		HS
SA	1450	CLR	20			231	60	16	34	13	G21	024		HS
SA	1554	CLR	20			238	59	18	34	11		025	207 61 RADAT 34083	HS
SA	1652	CLR	20			252	54	08	04	14		028		HS
SA	1752	CLR	20			270	50	12	03	13		033		HS
SA	1851	CLR	20			288	48	09	04	12		037	237	HS
SA	1952	CLR	20			296	45	09	05	10		040		HS
SA	2053	CLR	20			296	43	09	03	12		041		HS
SA	2150	CLR	20			295	40	12	05	09		041	110 61	HS
SA	2251	CLR	20			299	42	09	09	07		044		HS
SA	2354	CLR	20			303	39	12	04	10		044		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 MF1-10A (1-82) WHICH MAY BE USED.

☆U.S. GPO:1984-0-764-006/6095

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 6 JAN 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.770			94	0															0	5	.000			00-01
01 51	26.790			95	0															0					01-02
02 50	26.780			96	0															0					02-03
03 50	26.780			96	0															0	0	.010			03-04
04 53	26.780			96	0															0					04-05
05 51	26.800			98	0															0					05-06
06 53	26.800			97	0															0	1	.020			06-07
07 51	26.830			97	0															0					07-08
08 52	26.860			89	0															0					08-09
09 54	26.875			71	0															0	1	.075			09-10
10 55	26.860			33	0															0					10-11
11 50	26.825			29	0															0					11-12
12 53	26.800			24	0															0	8	.075			12-13
13 56	26.810			19	0															0					13-14
14 50	26.810			18	0															0					14-15
15 54	26.820			21	0															0	2	.020			15-16
16 52	26.850			16	0															0					16-17
17 52	26.890			22	0															0					17-18
18 51	26.930			21	0															0	2	.110			18-19
19 52	26.950			23	0															0					19-20
20 53	26.960			25	0															0					20-21
21 50	26.960			32	0															0	1	.030			21-22
22 51	26.985			25	0															0					22-23
23 54	26.990			31	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 0345		0	0		46	38										
	0345	1	0	0	0	46	38		0								
	0950	2	0	0	0	52	35		0								
	1551	3	0	0	0	61	52		0								
	2148	4	0	0	0	59	40		0								
	MID.		0	0	0	43	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0954	1553	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.875	26.820	26.960
BAROGRAPH 64	26.780	26.875	26.820	26.970
BAR. CORR. 65	±.0	±.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 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 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
61	35	0	0	0	23	NE	1738					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0644P ⊕0 Sec./ 1755P ⊕0 Sec./ ± Sec.

*BAROGRAPH CHANGED

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. *U.S.GPO:1983-0-784-006/8009

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: 5 JAN 1986

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

	TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (13b)
	SA	0056	M27VOVC	7		R-	215	47	46	32	04		020	018 24V30 PCPN VRY LGT /	SEA
	/	/											/	60301 1711	
	SA	0151	M29 OVC	7		R-	215	47	45	35	03		020	PCPN VRY LGT	SEA
	SA	0251	M28 OVC	10			215	47	45	01	03		020	RE13	SEA
	SA	0350	M22 OVC	10		R-	211	47	44	03	07		018	RB42 / 80302 1711 46	HS
	—	—												20002 RADAT 00091	—
	SA	0455	M21 OVC	10			212	47	44	04	06		018	RE10	HS
	SA	0554	M22 OVC	7		R-	212	47	44	03	09		018	RB27	HS
RS	SA	0650	6 SCT M22 OVC	7		R-	213	47	43	05	09		018	PCPN VRY LGT / 40000	HS
	—	—												1711	—
	SA	0753	6 SCT M22 OVC	20			217	47	44	04	05		019	RE10	HS
	SA	0850	6 SCT M23 OVC	10		RW-	220	49	38	12	09		021	RB41	HS
	SP	0907	6 SCT M23 OVC	4		RW-				01	06		023	VSBY NW-NE 2 PRESRR	HS
	SA	0950	6 SCT M22 OVC	3		R-F	231	47	45	03	06		024	11502 1711 46	HS
	SA	1051	6 SCT M23 BKN 38 OVC	10		R-	217	47	44	12	13		019		HS
	SP	1122	6 SCT 23 SCT 38 SCT E250 BKN	20						12	11		016		HS
	SA	1150	7 SCT M30 BKN 250 OVC	20			211	50	46	06	11		017	RE03 BINOVC	HS
	SA	1255	7 SCT 30 SCT E250 BKN	20			198	52	45	04	14		014	72908 1701	HS
	RS	1352	M21 OVC	20			197	54	45	04	08		014	BINOVC	HS
	SA	1450	M20 OVC	20			198	52	44	12	10		014		HS
	SA	1553	M22 OVC	20			201	52	44	13	08		015	BINOVC SE 30308 1511	/
	/													54 RADAT 56100	HS
	SA	1654	M28 OVC	20			201	52	44	12	08		015	BINOVC SE	HS
	SA	1751	M28 OVC	20			202	51	43	13	06		015		HS
	SA	1852	M28 OVC	20			206	51	41	12	08		016	303 1511	HS
	SA	1950	M28 OVC	20			214	51	44	07	05		018		HS
	SA	2028	M33 BKN 250 BKN	20						06	05		020		HS
	SA	2052	M38 BKN 250 BKN	20			217	50	46	05	02		020		HS
	SA	2152	40 SCT 250 SCT	20			220	46	42	05	08		020	110 1508 54	HS
	SA	2250	CLR	20			221	45	42	06	03		020		HS
	SA	2350	CLR	20			211	46	42	02	03		017		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 $i_R i_x h$VV 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 5 JAN 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.770			95	10	10	STRA	m67												10	6	.010			00-01
01 51	26.770			93	10															10					01-02
02 51	26.770			93	10															10					02-03
03 50	26.760			90	10	10	STRA	M22												10	8	.010			03-04
04 53	26.760			90	10															10					04-05
05 54	26.760			90	10															10					05-06
06 50	26.760			86	10	2	STRA	6	10	STRA	M22	10								10	4	.000			06-07
07 53	26.770			90	10															10					07-08
08 50	26.780			66	10															10					08-09
09 50	26.805			93	10	3	STRA	6	10	STRA	M22	10								10	1	.045			09-10
10 51	26.765			90	10															10					10-11
11 50	26.750			86	10															8					11-12
12 55	26.720			77	8	2	STRA	7	2	STRA	30	4	4	CI	E250	8				6	7	.085			12-13
13 52	26.720			72	10															9					13-14
14 50	26.720			74	10															10					14-15
15 53	26.730			75	10	10	Sc	M22												10	3	.010			15-16
16 54	26.730			74	10															10					16-17
17 51	26.730			74	10															10					17-18
18 52	26.740			67	10	10	Sc	M28												10	3	.010			18-19
19 50	26.760			74	10															10					19-20
20 52	26.770			85	9															9					20-21
21 52	26.770			86	2	1	Sc	40	1	Cs	250	2								2	1	.030			21-22
22 50	26.770			89	0															0					22-23
23 50	26.750			86	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 0346	X	.02	0	X	48	46	X	X						X		
	0346	1	.02	0	0	52	46		1								
	0945	2	.02	0	0	50	46		1								
	1550	3	.08	0	0	54	46		0								
	2149	4	0	0	0	52	46		0								
	MID.	X	0	0	0	46	43	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	26.760	26.805	26.730	26.770
BAROGRAPH 64	26.755	26.805	26.725	26.765
BAR. CORR. 65	+.005	+.0	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOW ALL 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
54	43	.12	0	0	19	SE	1101					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONT	0213			
R-	0342	0410			
R-	0527	0710			
RW-	0841	0910			
F	0930	1040			
R-	0910	1103			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0953P ⊕0 Sec./ 1956P ⊕0 Sec./ ± Sec.

0650/0650

2028/2028

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-784-006/6009

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: 4 JAN 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND GUSTS (11)	ALTIMETER SET TIME (Ins.) (12)	REMARKS AND SUPPLEMENTAL ENDED DATA (13)	OBSERVATIONS (15)
SA	0056	E110 OVC	20			203	45	37	00	00		017	000 1021	SEA
SA	0154	E85 OVC	20			207	45	37	08	05		018		SEA
SA	0254	E90 OVC	20			202	46	37	00	00		017		SEA
SA	0349	E90 OVC	20			204	45	37	00	00		017	000 1021 43 RADAT 61084	AD
SA	0449	E70 OVC	20			206	47	36	00	00		017		AD
SA	0549	E70 OVC	20			216	48	35	10	05		018		AD
SA	0649	70 SCT E90 BKN	20			221	47	34	09	07		019	310 ~~1071~~ 1070	AD
SA	0749	70 SCT E90 BKN	20			230	46	34	11	10		022		AD
SA	0849	70 SCT E90 BKN	20			237	47	35	04	05		024	1070	AD
SA	0949	60 SCT E90 BKN	20			242	51	35	11	04		026	220 ~~1071~~ 43	AD
SA	1049	M45 BKN 90 OVC	20			233	53	33	13	11		024		AD
SA	1149	M45 BKN 90 BKN	20			220	55	32	12	10		021		AD
SA	1249	M41 BKN 80 BKN	20			211	56	32	11	08		018	724 ~~1571~~ 1570	AD
SA	1349	M41 BKN 80 BKN	20			204	57	32	12	06		016		AD
SA	1449	M45 BKN 80 BKN	20			203	57	31	10	07		016		AD
SA	1555	M50 OVC	20			209	56	31	13	07		018	SML BINOVC NE/503 1511	SEA
/	/											/	58 RADAT 00L085095107	/
SA	1655	M48 OVC	20			212	55	32	17	05		019	BINOVC SE	SEA
SA	1753	M48 OVC	20			212	54	31	12	07		019		SEA
SA	1850	M45 OVC	20			218	53	30	15	05		020	207 1511	SEA
SA	1951	M43 BKN 100 OVC	20			215	52	32	19	06		019		SEA
SA	2056	M33 OVC	20			215	51	31	12	07		020		SEA
SA	2154	M31 OVC	20			219	52	35	13	05		021	303 1511 58	SEA
SP	2203	M26 OVC	20						00	00		021		SEA
SA	2253	M27 OVC	20			219	50	39	30	06		021		SEA
SP	2320	8 SCT M23 OVC	7		R-				32	05		023		SEA
SA	2352	8 SCT M24 V OVC	7		R-	216	47	44	23	04		020	CIG 22V26 RB01 VRY LST	SEA

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_n$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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 4 JAN 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.740			72	10	10	AS	E110												10	0	.000			00-01
01 54	26.750			74	10															10					01-02
02 54	26.740			69	10															10					02-03
03 49	26.740			73	10	10	AS	E90												10	0	.000			03-04
04 49	26.790			65	10															10					04-05
05 49	26.760			60	10															10					05-06
06 49	26.770			60	9	4	AC	70	5	AS	E90	9								9	3	.030			06-07
07 49	26.790			62	7															7					07-08
08 49	26.810			63	7															7					08-09
09 49	26.830			54	9	5	AC	60	4	AS	E90	9								9	2	.060			09-10
10 49	26.810			46	10															10					10-11
11 49	26.780			42	9															9					11-12
12 49	26.760			40	9	6	SC	M41	3	AC	80	9								9	7	.070			12-13
13 49	26.740			39	9															9					13-14
14 49	26.740			37	8															8					14-15
15 55	26.750			38	10	10	SC	M50												10	5	.010			15-16
16 55	26.760			41	10															10					16-17
17 53	26.760			40	10															10					17-18
18 50	26.770			41	10	10	SC	M45												10	2	.020			18-19
19 51	26.760			46	10															10					19-20
20 56	26.770			46	10															10					20-21
21 54	26.780			52	10	10	SC	M31												10	3	-.010			21-22
22 53	26.780			64	10															10					22-23
23 52	26.770			91	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 0345		0	0		47	43										
	0345	1	0	0	0	47	43		0								
	0945	2	0	0	0	51	45		0								
	1551	3	0	0	0	58	51		0								
	2150	4	0	0	0	56	50		0								
	MID.		T	0	0	52	47										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1555	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.830	26.750	26.780
BAROGRAPH 64	26.730	26.820	26.755	26.775
BAR. CORR. 65	+.010	+.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 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
58	43	T	0	0	14	SE	1136					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2301	2315			
R-	2315	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0812 ± 0 Sec. / 2259PST ± 0 Sec. / ± Sec.

0949 / 5 / 0004
0649 / 5 / 0006
1249 / 5 / 0009

SP=
RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ★U.S.GPO:1983-0-784-006/6069

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: 8 JAN 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0054	180 SCT 250-BKN	20			161	40	33	06	04		004	803 1038	SEA
SA	0154	250-BKN	20			162	38	33	01	04		004	FEW AC	SEA
SA	0251	250-BKN	20			165	40	34	00	00		005	FEW AC	SEA
SA	0349	250 - BKN	20			170	38	34	00	00		005	307 1001 37 RADAT 39106	AD
SA	0449	250 - BKN	20			174	36	33	33	05		005		AD
SA	0549	250 - BKN	20			175	36	32	07	04		005		AD
SA	0649	160 SCT 250 - SCT	20			185	35	33	06	04		007	307 1071	AD
SA	0749	160 SCT 250 - SCT	20			190	39	34	00	00		010		AD
SA	0849	160 SCT 250 - SCT	20			193	46	35	31	03		012		AD
SA	0949	250 - BKN	20			200	49	35	30	04		014	220 1001 34	AD
SA	1049	250 - BKN	20			190	55	36	24	04		012		AD
SA	1149	250 - BKN	20			182	58	37	28	05		009		AD
SA	1249	250 - BKN	20			176	58	36	20	04		007	720 1001	AD
SA	1349	250 - SCT	20			168	59	36	21	03		005		AD
SA	1449	250 - SCT	20			167	60	36	23	07		005		AD
SA	1555	200-BKN 250-BKN	20			179	58	37	22	09		009	302 1031 60 RADAT 20102	SEA
SA	1654	200-SCT 250-BKN	20			185	52	36	00	00		009		SEA
SA	1751	180 SCT 250-OVC	20			197	46	35	00	00		011		SEA
SA	1852	180 SCT 250-OVC	20			201	46	33	10	03		013	212 1077	SEA
SA	1953	180 SCT 250-OVC	20			208	45	36	00	00		015		SEA
SA	2054	250-OVC	20			207	45	36	00	00		016	FEW AC	SEA
SA	2152	250-BKN	20			210	44	36	10	03		017	214 1008 60	SEA
SA	2258	E150 BKN 250 OVC	20			210	45	36	15	04		018		SEA
SA	2355	E150 OVC	20			207	45	36	09	03		018		SEA

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 8 JAN 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.620			79	6	1	AC	180	6	CS	250	6								2	8	.010			00-01
01 54	26.620			82	8															1					01-02
02 51	26.630			79	8															1					02-03
03 49	26.640			85	7	7	CI	250												2	3	.020			03-04
04 49	26.640			89	7															2					04-05
05 49	26.640			85	6															2					05-06
06 49	26.660			92	4	1	AC	160	3	CI	250	4								1	3	.020			06-07
07 49	26.680			82	4															1					07-08
08 49	26.700			65	4															1					08-09
09 49	26.720			58	6	6	CI	250												1	2	.060			09-10
10 49	26.700			49	6															1					10-11
11 49	26.680			45	7															1					11-12
12 49	26.660			44	6	6	CI	250												2	7	.060			12-13
13 49	26.640			42	4															1					13-14
14 49	26.640			41	4															1					14-15
15 55	26.665			45	8	6	AC	200	5	CI	250	8								3	3	.005			15-16
16 54	26.670			55	9															3					16-17
17 51	26.690			65	10															3					17-18
18 52	26.700			61	10	1	AC	180	10	CS	250	10								3	2	.035			18-19
19 53	26.720			70	10															2					19-20
20 54	26.730			73	10															2					20-21
21 52	26.740			74	9	9	CS	250												2	2	.040			21-22
22 58	26.750			71	10															8					22-23
23 55	26.750			70	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 0345	X	0	0	X	43	37	X	X						X		
	0345	1	0	0	0	47	37		0								
	0945	2	0	0	0	49	34		0								
	1551	3	0	0	0	60	49		0								
	2150	4	0	0	0	58	44		0								
	MID.	X	0	0	0	46	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1555	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.720	26.665	26.740
BAROGRAPH 64	26.640	26.700	26.670	26.740
BAR. CORR. 65	Ø	+.020	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	34	0	0	0	12	SW	1550					5	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0600P ±Ø Sec./ 2010PST ±0 Sec./ ± Sec.

2355/2352

SP=

RS=

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: 2 JAN 1986

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

TYPE (11)	TIME (LST) (12)	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 INITIALS (18)
SA	0027	CLR	20			189	38	35	03	04		012	FEW 017 803 1001	SEA
SA	0158	250-SCT	20			185	33	34	29	05		011		SEA
SA	0252	250-SCT	20			185	36	34	30	03		010		SEA
SA	0349	250 - SCT	20			185	33	32	00	00		008	707 1001 33 RAAAT 20101	AO
SA	0449	250 - SCT	20			186	36	34	03	05		008		AO
SA	0549	250 - SCT	20			190	37	34	09	04		008		AO
SA	0649	250 - SCT	20			190	35	32	29	06		008	400 1001	AO
SA	0749	250 - BKN	20			190	40	35	12	06		008		AO
SA	0849	250 - BKN	20			197	49	36	13	08		012		AO
SA	0949	250 - BKN	20			205	49	37	08	04		014	317 1001 33	AO
SA	1049	250 - BKN	20			195	53	36	29	04		012		AO
SA	1149	250 - OVC	20			177	56	36	20	04		007		AO
SA	1249	250 - OVC	20			162	57	36	24	05		003	734 1002	AO
SA	1349	180 SCT E250 OVC	20			154	58	36	22	05		001		AO
SA	1449	180 SCT E250 OVC	20			155	58	36	30	04		001		AO
SA	1554	E160 OVC	20			160	56	35	22	04		002	505 1071 04 RADAT 20108	SEA
SA	1657	E160 OVC	20			162	53	35	17	05		003		SEA
SA	1750	E180 OVC	20			163	50	34	18	03		003		SEA
SA	1851	E180 OVC	20			173	00	35	11	06		005	308 1071	SEA
SA	1953	180SCT E250 BKN	20			174	49	35	10	07		006		SEA
SA	2056	180 SCT E250 BKN	20			166	48	35	11	04		005		SEA
SA	2157	180 SCT E250 BKN	20			166	44	35	11	04		005	000 1070 34	SEA
SA	2254	180 SCT 250 - BKN	20			168	45	35	00	00		006		SEA
SA	2353	180 SCT 250 - BKN	20			164	43	34	00	00		005		SEA

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

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

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

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 2 JAN 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.690			89	0	0	CI	250												0	8	.010			00-01
01 53	26.685			86	1															0					01-02
02 52	26.680			92	1															0					02-03
03 49	26.670			96	1	1	CI	250												0	7	.020			03-04
04 49	26.670			92	1															0					04-05
05 49	26.670			89	2															0					05-06
06 49	26.670			89	4	4	CI	250												1	4	.000			06-07
07 49	26.670			82	6															1					07-08
08 49	26.700			65	7															2					08-09
09 49	26.720			63	8	8	CI	250												3	3	.050			09-10
10 49	26.700			52	8															3					10-11
11 49	26.660			47	10															4					11-12
12 49	26.620			45	10	10	CI	250												4	7	.100			12-13
13 49	26.600			44	10															6					13-14
14 49	26.600			44	10															8					14-15
15 54	26.605			45	10	10	AC	E160												4	5	.015			15-16
16 54	26.610			50	10															10					16-17
17 50	26.610			54	10															10					17-18
18 51	26.630			52	10	10	AC	E180												10	3	.025			18-19
19 53	26.640			59	8															7					19-20
20 56	26.630			61	6															3					20-21
21 54	26.630			64	6	1	AC	180	6	CS	250	6								3	0	.000			21-22
22 54	26.640			66	6															3					22-23
23 53	26.630			72	7															3					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 0345		0	0		40	33										
	0345	1	0	0	0	40	33		0								
	0945	2	0	0	0	49	33		0								
	1552	3	0	0	0	59	49		0								
	2151	4	0	0	0	56	46		0								
	MID.		0	0	0	47	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.720	26.605	26.630
BAROGRAPH 64	26.660	26.710	26.595	26.620
BAR. CORR. 65	+.010	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
59	33	0	0	0	12	SE	0828					9	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 SUNSET

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

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

TIME CHECK - CLOCK AT: 1066P ± 0 Sec./ 2313PST ± 0 Sec./ ± Sec.

1300P: CHANGED MICRO BAROGRAPH

SP=

RS=

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: 1986 JAN 1

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	CLR	20			207	37	35	05	03		015	400	WRG
SA	0150	CLR	20			205	36	34	00	00		015		WRG
SA	0250	CLR	20			201	36	34	00	00		014		WRG
SA	0352	CLR	20			195	35	33	00	00		012	810 35 RAOAT 26106	WRG
SA	0449	CLR	20			198	34	32	05	05		012		AO
SA	0549	CLR	20			200	35	33	00	00		012		AO
SA	0649	90 SCT 140 SCT 220 SCT	20			220	34	33	00	00		016	314 1072	AO
SA	0749	90 SCT 220 - BKN	65			223	38	35	00	00		018		AO
SA	0849	90 SCT E220 OVC	65			222	47	37	00	00		019		AO
SA	0949	90 SCT E220 OVC	65			223	51	37	00	00		019	110 1072	AO
SA	1049	E220 BKN	65			201	54	37	11	05		014		AO
SA	1149	220 - SCT	65			184	57	38	27	05		010		AO
SA	1249	220 - SCT	65			177	58	38	20	04		007	737 1001	AO
SA	1349	220 - SCT	65			177	59	38	24	10		007		AO
SA	1449	220 - SCT	65			177	59	39	23	09		007		AO
SA	1555	250 - SCT	20			180	57	38	21	05		008	400 1001 RADAT 25104	SEN
/	/											/	60	/
SA	1653	250 - SCT	20			183	52	38	20	03		008		SEN
SA	1752	250 - SCT	20			194	47	37	09	04		010		SEN
SA	1854	CLR	20			192	45	35	09	04		009	003	SEN
SA	1956	CLR	20			191	41	36	09	03		009	FEW CI	SEN
SA	2053	CLR	20			193	41	37	08	03		012	FEW CI	SEN
SA	2153	CLR	20			196	39	35	08	03		013	FEW CI / 310 1001 60	SEN
SA	2258	CLR	20			195	38	35	12	03		013	FEW CI	SEN
SA	2349	CLR	20			193	38	35	12	03		013	FEW CI	SEN

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1986 JAN 1

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 PHR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.730			89	0															0	4	.008			00-01
01 50	26.730			91	0															0					01-02
02 50	26.720			93	0															0					02-03
03 52	26.700			94	0															0	8	.030			03-04
04 49	26.700			92	0															0					04-05
05 49	26.700			92	0															0					05-06
06 49	26.740			96	5	1	AC	90	2	AS	140	3	2	CI	220	5				4	3	.040			06-07
07 49	26.760			89	7															2					07-08
08 49	26.770			68	10															8					08-09
09 49	26.770			59	10	2	AC	90	8	CI	E220	10								8	1	.030			09-10
10 49	26.720			52	9															5					10-11
11 49	26.680			49	5															1					11-12
12 49	26.660			47	4	4	CI	220												1	7	.110			12-13
13 49	26.660			45	4															1					13-14
14 49	26.660			47	3															0					14-15
15 55	26.660			49	2	2	CI	250												0	4	.060			15-16
16 53	26.660			59	3															1					16-17
17 52	26.680			70	1															0					17-18
18 54	26.670			68	0															0	0	010			18-19
19 56	26.670			83	0															0					19-20
20 53	26.680			87	0															0					20-21
21 53	26.700			86	0	0	CI	250												0	3	.050			21-22
22 58	26.700			90	0															0					22-23
23 49	26.700			91	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	40	35	X	X						X		
	0350	1	0	0	0	40	35		0								
	0945	2	0	0	0	51	32		0								
	1052	3	0	0	0	60	51		0								
	2100	4	0	0	0	57	38		0								
	MID.	X	0	0	0	40	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1555	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.770	26.660	26.700
BAROGRAPH 64	26.700	26.750	26.655	26.685
BAR. CORR. 65	+0.0	+.020	+.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
40	32	0	0	0	14	E	1831					6	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 SUNSET

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

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

TIME CHECK - CLOCK AT: 1016P ±0 Sec. / 2335PST ±0 Sec. / ± Sec.

✓ LAST OF SEVERAL OCCURRANCES

SP=

RS=