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, NV
MONTH: March
YEAR: 1982

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 0400	WIND AVERAGE SPEED ~~(mph)~~ (knots)	Peak ~~FASTEST MILE~~ SPEED ~~(mph)~~ (knots)	DIRECTION	~~SUNSHINE~~ ~~TOTAL (Min.)~~ Ave. stn. Pressure	~~PERCENT OF POSSIBLE~~	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	67	42	55		10		.01			10.2	47	SW	26.6	41	10	R	48	23	36	77
2	60	38	49		16		T			10.0	27	N	26.5	08	9	RW	84	63	39	80
3	58	31	45		20					5.9	13	NE	26.5	61	1		83	30	23	42
4	58	32	45		20					9.0	23	NW	26.5	95	0		50	31	15	28
5	55	37	46		19					11.0	17	NE	26.7	33	0		43	37	16	23
6	60	35	48		17					7.4	16	NE	26.7	88	4		44	36	12	25
7	60	32	46		19					5.4	14	SE	26.6	43	10		41	20	14	24
8	63	44	54		11					6.7	35	W	26.6	49	10		25	25	28	50
9	68	38	53		12					4.8	17	SW	26.7	45	9		68	32	19	33
10	67	56	62		3		.01			14.1	33	S	26.6	03	10	RW	41	48	37	36
11	64	50	57		8		.08			18.4	40	SW	26.4	03	10	RW	32	35	52	69
12	66	44	55		10					5.2	14	N	26.4	75	3		78	59	31	47
13	69	46	58		7					10.3	28	S	26.4	63	3		40	31	39	42
14	56	40	48		17		.31			11.1	30	S	26.2	95	10	RW	54	65	95	94
15	55	40	48		17		.01			13.0	28	S	26.3	33	7	RW	84	63	46	57
16	48	37	43		22		T			16.2	40	SW	26.3	35	5	RW	55	32	63	53
17	46	36	41		24		.86			9.2	37	S	26.3	14	10	R, RW	75	86	89	89
18	46	36	41		24		.02			13.4	30	SW	26.3	80	7	R, RW	85	60	49	50
19	50	32	41		24					6.1	19	W	26.6	75	5		80	60	35	74
20	54	30	42		23					8.4	21	NE	26.6	75	2		74	40	28	56
21	54	34	44		21					9.8	18	N	26.6	88	0		56	39	24	38
22	57	36	47		18					10.1	17	N	26.6	56	3		51	31	21	43
23	63	40	52		13					8.7	17	NE	26.6	00	0		47	30	20	53
24	66	35	51		14					4.6	13	SW	26.5	61	4		64	29	21	49
25	66	40	53		12					7.4	22	SW	26.5	15	10		58	29	14	27
26	59	43	51		14		.10			7.3	19	SW	26.4	60	8	RW	96	84	43	77
27	65	38	52		13					7.2	23	SW	26.5	56	1		89	65	34	64
28	62	41	52		13					18.7	41	S	26.3	24	6		55	37	30	51
29	54	38	46		19					18.0	44	S	26.3	19	6		43	29	34	64
30	59	37	48		17					13.4	30	SW	26.5	31	3		36	24	29	49
31	64	41	53		12					17.9	48	S	26.5	08	5		47	25	20	45
SUM	1839	1199	—	—	489	0	1.40	0	—	318.9	—	—	822.5	32	171	—	1826	1298	1056	1609
AVG	59.3	38.7	—	—	—	—	—	—	—	10.3	FASTEST	DIRECTION	POSSIBLE	%	5.5	—	58.9	41.9	34.1	51.9
										MISC. →	48	S	26.5	33		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 49.0
DEPARTURE FROM NORMAL —
HIGHEST 68 ON 9
LOWEST 30 ON 20

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 5
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 489
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 2772
DEPARTURE FROM NORMAL —

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

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.40 IN.
DEPARTURE FROM NORMAL — IN.
GREATEST ~~IN 24 HRS.~~ Daily .86 ON 17

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST ~~IN 24 HRS.~~ Daily 0 ON —
GREATEST DEPTH ON GROUND 0 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. 8
WITH 0.10 INCH OR MORE PRECIP. 3
WITH 0.50 INCH OR MORE PRECIP. 1
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16
R = RAIN
RW = RAINSHOWER

MAXIMUM PRECIPITATION

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

Station Pressure
HIGHEST ~~SEA LEVEL~~ 26.870 IN. ON 6
LOWEST ~~SEA LEVEL~~ 26.210 IN. ON 14

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 (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 1

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0050	140 SCT E220 OVC	20			195	51	31	09	03		016	715 1077	LEF
SA	0145	140 SCT E220 OVC	20			192	51	32	13	01		015		LEF
SA	0245	140 SCT E220 OVC	20			190	50	31	30	03		014		LEF
SA	0349	140 SCT E220 OVC	20			183	50	31	08	06		012	714 1077 49 RADAT 37109	RK
SA	0445	140 SCT E220 OVC	20			175	49	32	11	04		010		RK
SA	0545	140 SCT E220 OVC	20			173	48	32	27	03		008		RK
SA	0645	E140 BKN 220 OVC	20			185	50	31	35	04		011	503 1057	RK
SA	0746	E140 BKN 220 OVC	20			181	56	29	03	03		011		RK
SA	0847	140 SCT E220 OVC	20			167	62	30	19	18G23		008		RK
SA	0945	140 SCT E240 OVC	20			156	65	26	19	18G29		005	817 1077 48	RK
SA	1045	120 SCT E240 OVC	20			153	66	25	20	21G29		004		RK
SA	1147	120 SCT E240 OVC	20			151	66	25	21	21G31		003	PK WND 2336/1856	RK
SA	1245	E120 ~~SCT~~ BKN E240 OVC	20			145	63	25	21	17G30		001	714 1577	RK
SA	1345	55 SCT E120 BKN 240 OVC	20		R-	149	61	25	22	20G34		002	RB40	RK
SA	1454	55 SCT E120 BKN 2400VC	20			139	61	26	20	20G24		999	RE07	RK
SA	1550	20 SCT M33 OVC	20			146	59	32	20	12G24		001	CLDS TRG MTNS SE	LEF
													50C06/26//67 RADAT 52087	
SP	1632	M19 OVC	10		R-				23	24		004		LEF
SA	1646	E16 OVC	7		R-	165	52	33	19	19G30		005	PK WND 2447/2358Z/1805	LEF
SA	1750	E26 BKN 40 OVC	10		R-	174	47	38	22	15		007		LEF
SP	1826	M35 OVC	20						04	04		999	PRESFR OCNLY HIR	LEF
													CLDS VSB	
SA	1848	E35 OVC	20			142	48	38	35	12		998	PRESFR RE02 8100/1511	LEF
SA	1947	E60 BKN 120 OVC	20		167	177	47	39	11	04		005	PRESRR	LEF
SA	2047	E50 BKN	20			159	45	39	13	05		004		LEF
SA	2150	50 SCT	20			156	45	~~36~~ 38	09	06		004	01901 1500 67	LEF
SA	2245	50 SCT E120 BKN	20			152	43	37	12	06		003		LEF
SA	2345	50 SCT	20			152	42	36	07	04		002		LEF

A synoptic observation, in WMO code format FM12V, is entered on line following related deviation observation.

FM12V: iiii YYMM VVwwW PPPTT 4h_sLhCLCMCH T_gT_gppp 6P_0P_0P_0P_0 7RRR_tr 8N_sCh h_sh_s 9S_pS_pS_pS_p 2R_24R_24R_24R_24 3P_wP_wH_wH_w 4dwdwPwHwHw 4T_xT_xT_nT_n

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1982 MAR 1
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.740	51.1	41.9	46	10	4	AC	140	6	CS	E220	10								9	7	045			00-01
01 45	26.730	50.5	42.0	50	10															10					01-02
02 45	26.720	49.6	41.6	51	10															10					02-03
03 49	26.700	49.8	41.2	48	10	3	AC	140	10	CS	E220	10								10	7	040			03-04
04 45	26.680	49.4	41.5	52	10															10					04-05
05 45	26.665	48.2	40.8	54	10															9					05-06
06 45	26.690	50.2	41.5	48	10	7	AC	E140	3	CS	220	10								10	5	010			06-07
07 46	26.690	55.5	43.3	36	10															10					07-08
08 47	26.665	62.0	46.6	29	10															9					08-09
09 45	26.640	64.7	46.9	23	10	5	AC	140	5	CS	E240	10								9	8	050			09-10
10 45	26.630	66.2	47.3	21	10															8					10-11
11 47	26.620	66.0	47.0	21	10															8					11-12
12 45	26.600	63.3	46.0	23	10	0	SC	60	7	AC	E120	7	3	CS	240	10				10	7	040			12-13
13 45	26.610	61.4	45.1	25	10															10					13-14
14 54	26.580	61.2	45.1	26	10															10					14-15
15 50	26.600	58.7	45.9	36	10	3	ST	20	7	SC	M33	10								10	5	000			15-16
16 46	26.635	51.8	43.0	49	10															10					16-17
17 50	26.650	46.7	42.4	71	10															10					17-18
18 48	26.570	47.7	42.7	68	10	10	SC	E35												10	8	030			18-19
19 47	26.640	47.4	43.0	71	10															10					19-20
20 47	26.630	45.4	42.0	77	8															8					20-21
21 50	26.625	44.6	41.4	77	5	5	SC	50												5	0	055			21-22
22 45	26.615	42.6	40.0	81	8															8					22-23
23 45	26.610	41.7	39.0	80	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	51	49	X	X						X		
	0345	1	0	0	0	53	49		0								
	0942	2	0	0	0	65	48		0								
	1545	3	T	0	0	67	59		0								
	2145	4	0.01	0	0	59	45		1								
	MID.	X	0	0	0	45	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.640	26.600	26.625
BAROGRAPH 64	26.690	26.640	26.580	26.610
BAR. CORR. 65	+010	0*	+020	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	42	0.01	0	0	47	SW	1558					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1340	1407			
R-	1605	1802			

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: AT 0933 +1 sec / 2130 OK

* BAROGRAM CHANGED + RESET TO ZERO

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 MAR 2

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 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	0045	50 SCT	20			155	40	36	35	06		003	503 1500	LEF
SA	0146	50 SCT	20			148	40	36	04	04		000		LEF
SA	0245	50 SCT	20			140	41	36	20	06		998		LEF
SA	0347	50 SCT	20			140	38	34	06	04		997	617 1500 38 20001	RK
/													RADAT 41091	/
SA	0445	50 SCT	20			143	41	36	09	04		997		RK
SA	0541	50 SCT	20			145	41	37	07	06		997		RK
SA	0645	E40 BKN 120 BKN 250 OVC	20			148	41	35	13	03		997	302 1558	RK
SA	0750	E40 BKN 120 OVC	20			148	44	36	00	00		998		RK
SA	0847	E40 BKN 120 OVC	20			146	47	37	10	05		997		RK
SA	0945	M45 OVC	20			137	49	37	00	00		996	805 15// 38	RK
SA	1045	M41 OVC	20			134	52	38	25	07		995		RK
SA	1145	M45 OVC	20			128	54	36	20	17G22		993	BINOVC S	RK
SA	1245	E50 BKN	20			110	56	34	19	18		988	724 1500	RK
SA	1346	M55 BKN	20			097	59	33	18	18G25		985		RK
SA	1454	E60 BKN	20			090	60	31	19	18G26		983		RK
SA	1547	E50 BKN	20			084	56	32	20	17		981	724 1500 60 RADAT 88085	LEF
SA	1646	E50 BKN	20			082	56	30	19	19		980		LEF
SA	1749	E50 BKN	20			081	54	28	19	16		980		LEF
SA	1846	E50 BKN	20			087	52	28	20	15		981	302 1500	LEF
SA	1949	50 SCT	20			085	50	31	20	20		981		LEF
SA	2045	50 SCT	20			097	49	32	21	14		984		LEF
SA	2147	E40 BKN	20			118	41	36	03	16		989	RB14E21 32500 1500 60	LEF
SA	2246	40 SCT	20			122	42	34	22	04		992		LEF
SA	2347	50 SCT	20			126	38	34	18	04		992		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_t$ $8N_sCh_sh_s$ $9S_pS_ps_ps_p$ $2R_{24}R_{24}R_{24}R_{24}$ ...

U S GPO 1930-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 2

To convert LST to GMT ADD 7 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 45	26.615	39.8	38.0	86	3	3	SC	50												3	5	010			00-01
01 46	26.590	39.8	38.0	86	2															2					01-02
02 45	26.570	40.8	38.4	82	2															2					02-03
03 47	26.565	38.2	36.3	84	1	1	Sc	50												1	6	050			03-04
04 45	26.565	40.6	38.6	85	1															1					04-05
05 49	26.565	40.5	39.0	88	3															3					05-06
06 45	26.570	40.6	37.9	80	10	6	Sc	E40	2	Ac	120	8	2	Cs	250	10				7	3	005			06-07
07 50	26.575	44.0	40.3	74	10															9					07-08
08 47	26.570	47.0	42.0	67	10															9					08-09
09 45	26.555	49.0	43.1	63	10	10	Sc	M45												10	8	015			09-10
10 45	26.545	51.7	44.9	59	10															10					10-11
11 45	26.530	54.1	45.1	50	10															10					11-12
12 45	26.485	55.9	45.2	43	9	9	Sc	E50												9	7	070			12-13
13 46	26.455	58.5	46.2	39	8															8					13-14
14 54	26.440	59.7	46.0	34	7															7					14-15
15 47	26.415	56.4	44.7	39	7	7	Sc	E50												7	7	070			15-16
16 46	26.410	55.8	43.8	37	9															9					16-17
17 49	26.410	53.5	42.0	37	8															8					17-18
18 46	26.420	52.0	41.0	38	6	6	Sc	E50												6	3	005			18-19
19 49	26.420	50.3	41.3	46	4															4					19-20
20 45	26.450	49.4	41.4	51	5															5					20-21
21 47	26.495	41.3	38.7	80	7	7	Sc	E40												7	3	075			21-22
22 46	26.515	42.0	38.5	74	4															4					22-23
23 47	26.520	37.7	36.0	87	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	42	38	X	X						X		
	0344	1	0	0	0	45	38		0								
	0941	2	0	0	0	49	38		0								
	1542	3	0	0	0	60	49		0								
	2142	4	T	0	0	56	41		0								
	MID.	X	0	0	0	42	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.555	26.415	26.495
BAROGRAPH 64	26.555	26.550	26.400	26.475
BAR. CORR. 65	+010	+005	+015	+020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	38	T	0	0	27	N	2130					9	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
BR-	2114	2121			

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: 0830 +15sec / 2121 015

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 3

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	0045	CLR	20			120	38	34	12	03		991	005	LEF
SA	0146	CLR	20			129	34	32	04	02		993		LEF
SA	0245	CLR	20			130	33	30	03	03		993		LEF
SA	0350	CLR	20			133	34	29	03	04		993	107 33 RADAT 47068	RK
SA	0447	CLR	20			128	33	27	18	03		992		RK
SA	0547	60 SCT	20			133	33	27	07	03		993		RK
SA	0645	CLR	20			147	34	27	08	04		997	312 1500	RK
SA	0749	60SCT 120SCT	20			149	40	29	21	03		998		RK
SA	0847	60SCT 120SCT	20			151	47	21	03	07		000		RK
SA	0947	E85 BKN	20			155	50	19	25	03		000	110 1030 31	RK
SA	1045	70 SCT	20			152	52	19	13	03		000		RK
SA	1146	CLR	20			147	54	21	29	08		998		RK
SA	1245	CLR	20			134	55	20	33	07		995	817 1500	RK
SA	1347	CLR	20			132	58	20	24	11		994		RK
SA	1453	CLR	20			132	58	19	35	08		994		RK
SA	1550	CLR	20			135	56	18	03	10		994	502 1500 58 RADAT50075	WRG
SA	1650	CLR	20			135	54	16	02	12		994		WRG
SA	1750	CLR	20			138	51	16	04	08		994		WRG
SA	1850	CLR	20			140	47	18	04	09		994	400	WRG
SA	1950	CLR	20			142	44	20	12	04		995		WRG
SA	2050	CLR	20			151	46	20	04	12		999		WRG
SA	2150	CLR	20			149	42	20	30	03		998	014 58	WRG
SA	2250	CLR	20			145	40	20	03	04		997		WRG
SA	2350	CLR	20			143	41	18	03	08		997		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIIii Nddff VVwwW PPPTT $4_{h}C_{L}hC_{M}C_{H}$ $T_{d}T_{d}$ppp $6P_{o}P_{o}P_{o}P_{o}$ $7RRR_{ts}$ $8N_{s}Ch$ h_{s} $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_{w}P_{w}H_{w}H_{w}$ $d_{w}d_{w}P_{w}H_{w}H_{w}$ $4T_{x}T_{x}T_{n}T_{n}$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, Nv

DATE: 1992 MAR 3

To convert LST to GMT ADD 8 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 45	26.510	38.0	36.1	85	0															0	0	015			00-01
01 46	26.530	34.0	33.0	92	0															0					01-02
02 45	26.530	33.0	31.6	87	0															0					02-03
03 50	26.530	33.9	31.9	83	0															0	1	020			03-04
04 47	26.520	33.0	30.6	78	0															0					04-05
05 47	26.530	32.8	30.5	78	1															1					05-06
06 45	26.565	33.5	30.9	76	0	0	Sc	60												0	3	035			06-07
07 49	26.575	39.5	35.0	65	1															1					07-08
08 47	26.595	47.3	36.8	35	1															1					08-09
09 47	26.595	49.8	37.8	30	6	6	Ac	E85												6	1	0.30			09-10
10 45	26.595	52.0	38.8	27	3															2					10-11
11 46	26.575	54.4	40.6	27	0															0					11-12
12 45	26.545	55.1	40.8	25	0	0	Sc	70												0	8	050			12-13
13 47	26.535	58.1	42.1	22	0															0					13-14
14 53	26.535	58.2	42.0	22	0															0					14-15
15 50	26.540	55.6	40.5	23	0	0	Sc	70												0	5	.005			15-16
16 50	26.540	54.3	39.4	22	0															0					16-17
17 50	26.540	51.9	37.9	25	0															0					17-18
18 50	26.540	47.2	36.2	31	0															0	4	.000			18-19
19 50	26.550	44.2	34.9	38	0															0					19-20
20 50	26.590	46.2	36.1	35	0															0					20-21
21 50	26.580	41.7	33.5	42	0															0	0	040			21-22
22 50	26.570	39.9	32.6	45	0															0					22-23
23 50	26.570	41.4	32.8	38	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	38	33	X	X						X		
	0346	1	0	0	0	42	33		0								
	0943	2	0	0	0	50	31		0								
	1546	3	0	0	0	58	50		0								
	2146	4	0	0	0	56	42		0								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.575	26.540	26.580
BAROGRAPH 64	26.510	26.575	26.520	26.565
BAR. CORR. 65	+020	+020	+.022	+.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
58	31	0	0	0	13	NE	2048*					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-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK: 0803 +2 sec / 2252 -3 sec

* Last of several occurences

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 4

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	0050	CLR	20			146	39	19	10	06		998	500	WRG
SA	0150	CLR	20			142	39	18	12	04		997		WRG
SA	0250	CLR	20			143	36	18	12	03		997		WRG
SA	0349	CLR	20			146	35	18	10	06		998	603 34 RADAT 41070	JC
SA	0446	CLR	20			151	33	17	11	04		999		JC
SA	0545	CLR	20			154	32	18	11	06		999		JC
SA	0655	CLR	20			167	33	20	09	02		002	314	JC
SA	0745	CLR	20			170	39	22	23	02		003		JC
SA	0846	CLR	20			170	47	19	04	12		005		JC
SA	0949	120 - SCT	20			168	50	21	34	07		004	007 1050 32	JC
SA	1047	CLR	20			161	51	20	05	06		002	FEW AC SE	JC
SA	1149	CLR	20			151	55	18	36	10		000		JC
SA	1244	CLR	20			144	56	17	36	09		998	720 1100	JC
SA	1347	CLR	20			136	57	20	35	15	G20	996	FEW CU N-E	JC
SA	1445	CLR	20			131	58	16	32	17	G23	994	FEW CU E	JC
SA	1550	CLR	20			134	57	10	33	12	G20	994	610 1100 58 RADAT 34074	WRG
SA	1650	CLR	20			140	55	9	35	14	G21	995	FEW CU N	WRG
SA	1750	CLR	20			146	51	9	34	12	G21	996		WRG
SA	1850	CLR	20			152	48	10	36	08		997	210	WRG
SA	1950	CLR	20			160	47	13	36	13		001	FEW AC OVHD	WRG
SA	2050	CLR	20			163	47	14	35	14	G21	003		WRG
SA	2150	CLR	20			169	44	13	04	12		005	224 58	WRG
SA	2250	CLR	20			174	42	14	03	11		006		WRG
SA	2350	CLR	20			177	41	14	04	12		007		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Hi Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115-1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 4

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26580	39.3	31.5	44	0															0	5	.000			00-01
01 50	26570	38.4	31.3	43	0															0					01-02
02 50	26570	35.4	29.7	48	0															0					02-03
03 49	26570	34.8	29.1	50	0															0	6	.010			03-04
04 46	26580	32.8	27.6	52	0															0					04-05
05 45	26580	32.4	27.6	55	0															0					05-06
06 53	26610	32.5	28.2	54	0															0	3	.040			06-07
07 45	26620	38.8	32.4	50	0															0					07-08
08 46	26640	46.8	36.1	33	0															0					08-09
09 49	26630	50.0	38.3	31	1	1	AC	120												0	0	.020			09-10
10 47	26610	50.7	38.4	29	0															0					10-11
11 49	26590	54.9	40.2	23	0															0					11-12
12 44	26570	56.4	40.6	21	0	0	CU	50												0	7	.060			12-13
13 47	26550	56.6	41.4	24	0															0					13-14
14 45	26540	58.0	41.4	19	0															0					14-15
15 50	26540	57.3	39.4	15	0	0	CU	50												0	6	.030			15-16
16 50	26550	54.5	38.2	16	0															0					16-17
17 50	26560	50.6	36.1	19	0															0					17-18
18 50	26570	47.7	34.8	22	0															0	2	.038			18-19
19 50	26600	47.2	35.1	25	0															0					19-20
20 50	26620	46.6	34.8	26	0															0					20-21
21 50	26640	43.8	33.0	28	0															0	2	.070			21-22
22 50	26650	42.0	32.2	31	0															0					22-23
23 50	26660	40.7	31.4	33	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0845	X	0	0	X	41	34	X	X						X		
	0845	1	0	0	0	42	34		0								
	0945	2	0	0	0	51	32		0								
	1546	3	0	0	0	53	50		0								
	2146	4	0	0	0	57	44		0								
	MID.	X	0	0	0	44	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26570	26630	26540	26640
BAROGRAPH 64	26550	26630	26520	26620
BAR. CORR. 65	+020	I-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	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	32	0	0	0	23	N6	1444					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 0955P +1SEC / 2233 +1 sec

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 5

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 (Hrs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			182	39	16	07	10		008	210	WRG
SA	0150	CLR	20			182	39	17	04	11		008		WRG
SA	0250	CLR	20			182	38	19	05	06		008		WRG
SA	0349	CLR	20			181	39	19	07	08		009	400 37 RADAT 45066	JC
SA	0450	CLR	20			186	39	21	04	16		010		JC
SA	0546	CLR	20			196	38	20	07	12		012		JC
SA	0647	CLR	20			210	38	19	07	06		015	320	JC
SA	0746	CLR	20			221	41	19	07	13		018		JC
SA	0848	CLR	20			230	44	20	03	17		022		JC
SA	0949	CLR	20			231	46	21	36	13		022	120 1001 37	JC
SA	1050	CLR	20			223	48	22	35	09		020		JC
SA	1148	CLR	20			215	50	19	06	07		017	FEW CU SE	JC
SA	1251	CLR	20			208	51	17	11	05		015	720 1101	JC
SA	1346	CLR	20			202	53	22	05	10		014	FEW CU ALQDS	JC
SA	1450	CLR	20			196	53	11	06	11		012	Few CU And CI	WRG
SA	1550	CLR	20			196	54	9	06	08		012	610 1105 55 RADAT 33071	WRG
SA	1650	CLR	20			190	54	5	06	16		011		WRG
SA	1750	CLR	20			201	50	2	04	15		013		WRG
SA	1850	CLR	20			210	48	5	06	12		015	310	WRG
SA	1950	CLR	20			216	48	8	09	10		017		WRG
SA	2050	CLR	20			218	47	8	10	10		018		WRG
SA	2150	CLR	20			224	42	7	03	13		019	214 55	WRG
SA	2250	CLR	20			228	41	8	03	12		021		WRG
SA	2350	CLR	20			231	41	8	03	13		022		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Ttt Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 5

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26670	34.3	30.9	40	0															0	2	.030			00-01
01 50	26670	33.7	30.9	40	0															0					01-02
02 50	26.670	37.8	30.9	46	0															0					02-03
03 49	26.670	38.8	31.4	43	0															0	4	.000			03-04
04 50	26.680	38.8	31.9	47	0															0					04-05
05 46	26.700	38.0	31.4	48	0															0					05-06
06 47	26.730	38.3	31.3	46	0															0	3	.060			06-07
07 46	26.760	41.2	33.1	41	0															0					07-08
08 48	26.790	44.0	34.8	38	0															0					08-09
09 49	26.790	45.5	35.8	37	0	0	Ci	250												0	1	.060			09-10
10 50	26.770	47.5	37.1	35	0															0					10-11
11 48	26.750	49.9	37.8	30	0															0					11-12
12 51	26.730	51.4	38.2	26	0	0	Cu	50	0	Ci	250	0								0	7	.060			12-13
13 46	26.720	52.9	40.0	29	0															0					13-14
14 50	26.700	53.2	37.8	14	0															0					14-15
15 50	26.700	53.4	37.9	16	0	0	Cu	50	0	Ci	250	0								0	6	.030			15-16
16 50	26690	54.0	37.4	13	0															0					16-17
17 50	26710	50.2	34.9	14	0															0					17-18
18 50	26.730	48.0	34.1	17	0															0	3	.030			18-19
19 50	26.750	48.4	34.9	19	0															0					19-20
20 50	26.760	47.1	34.0	20	0															0					20-21
21 50	26.770	42.4	31.0	23	0															0	2	.040			21-22
22 50	26790	40.6	30.2	25	0															0					22-23
23 50	26.790	40.5	30.2	26	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		41	37										
	0345	1	0	0	0	44	37		0								
	0945	2	0	0	0	47	37		0								
	1546	3	0	0	0	55	46		0								
	2146	4	0	0	0	54	42		0								
	MID.		0	0	0	42	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.790	26.700	26.770
BAROGRAPH 64	26.655	26.790	26.700	26.770
BAR. CORR. 65	+.015	±0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
55	37	0	0	0	17	NE	0947					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 1133P +15SEC / 2310 +1sec

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 6

TO CONVERT LST TO GMT: ADD 6 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0050	CLR	20			233	40	10	02	15		023	210	WRG
SA	0150	CLR	20			237	38	13	05	14		024		WRG
SA	0250	CLR	20			239	37	12	04	13		025		WRG
SA	0349	CLR	20			241	38	18	06	11		025	102 1001 37 RADAT 34064	JC
/														/
SA	0450	CLR	20			242	37	19	04	11		025		JC
SA	0548	250 -SCT	20			244	36	15	06	10		025		JC
SA	0650	250 -SCT	20			250	36	15	06	11		026	303 1001	JC
SA	0748	250 -SCT	20			255	40	22	05	12		028		JC
SA	0846	250 -BKN	20			254	43	20	05	16		028		JC
SA	0949	250 -SCT	20			261	47	21	03	08		031	217 1001 35	JC
SA	1051	250 -SCT	20			260	51	17	24	03		031		JC
SA	1149	250 -SCT	20			240	52	20	18	04		025		JC
SA	1246	250 -SCT	20			224	55	14	18	06		021	830 1001	JC
SA	1347	250 -SCT	20			214	58	12	16	05		015		JC
SA	1445	250 -SCT	20			207	60	15	26	04		016		JC
SA	1550	250 SCT	20			209	57	4	31	06		015	717 1001 60 RADAT 20090	WRG
SA	1650	250 -BKN	20			200	57	7	23	07		014		WRG
SA	1750	250 -OVC	20			200	51	6	23	05		013		WRG
SA	1850	250 -OVC	20			209	46	7	00	00		014	503 1007	WRG
SA	1950	250 -OVC	20			212	45	10	09	05		015		WRG
SA	2050	250 -OVC	20			212	41	12	00	00		015		WRG
SA	2150	250 -SCT	20			209	40	7	07	03		015	103 1008 60	WRG
SA	2250	180 SCT 250 SCT	20			212	37	11	02	04		016		WRG
SA	2350	250 SCT	20			209	36	7	08	04		015		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 6

To convert LST to GMT ADD 8 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	26.800	40.3	30.6	28	0															0	2	.030			00-01
01 50	26.810	38.3	29.9	35	0															0					01-02
02 50	26.820	37.2	29.0	35	0															0					02-03
03 49	26.820	38.0	30.9	44	0	0	Ci	250												0	1	.020			03-04
04 50	26.820	37.0	30.4	47	0															0					04-05
05 48	26.820	35.5	28.7	43	1															0					05-06
06 50	26.830	36.0	29.0	42	2	2	Ci	250												0	3	.010			06-07
07 48	26.850	40.0	33.2	49	5															0					07-08
08 46	26.850	42.8	34.0	39	8															0					08-09
09 49	26.870	46.8	36.6	36	3	3	Ci	250												0	2	.040			09-10
10 51	26.870	50.8	37.7	25	5															0					10-11
11 49	26.820	52.0	39.1	28	3															0					11-12
12 46	26.780	54.8	39.8	19	1	1	Ci	250												0	8	.090			12-13
13 47	26.760	58.2	40.7	16	1															0					13-14
14 45	26.740	59.9	42.0	17	1															0					14-15
15 50	26.730	57.0	38.8	12	3	3	Ci	250												2	7	.050			15-16
16 50	26.720	56.9	39.2	13	7															3					16-17
17 50	26.710	51.2	36.0	16	10															5					17-18
18 50	26.720	45.8	33.2	20	10	10	Cs	250												5	5	.010			18-19
19 50	26.730	44.7	33.0	24	10															5					19-20
20 50	26.730	41.3	31.3	30	10															4					20-21
21 50	26.730	40.3	29.9	25	5	5	Cs	250												2	1	.010			21-22
22 50	26.740	37.3	28.8	33	5															4					22-23
23 50	26.730	35.7	27.2	30	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		41	37										
	0345	1	0	0	0	42	37		0								
	0945	2	0	0	0	48	35		0								
	1546	3	0	0	0	60	47		0								
	2146	4	0	0	0	57	40		0								
	MID.		0	0	0	40	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.870	26.730	26.730
BAROGRAPH 64	26.820	26.870	26.730	26.730
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'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
60	35	0	0	0	16	NE	0845					4	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 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 1147P +1 SEC / 2309 +1 sec

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 7

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	180 SCT 250 SCT	20			208	35	9	08	03		015	000 1078	WRG
SA	0150	180 SCT 250 SCT	20			201	36	9	11	07		014		WRG
SA	0250	180 SCT 250 SCT	20			197	35	8	34	03		013		WRG
SA	0351	180 SCT E250 BKN	20			195	35	14	03	05		012	710 1078 35 RADAT 20114	HS
SA	0450	180 SCT E250 BKN	20			192	34	17	29	03		011		HS
SA	0548	E250 OVC	20			196	32	14	03	05		011		HS
SA	0646	E250 OVC	20			198	34	16	09	02		011	603 1007	HS
SA	0749	E250 OVC	20			200	38	15	32	03		012		HS
SA	0851	E250 OVC	20			194	46	13	25	02		011	AC SE	HS
SA	0948	E250 OVC	20			191	51	11	28	04		011	000 1087 32	HS
SA	1050	E250 OVC	20			187	55	11	34	04		010		HS
SA	1150	E250 OVC	20			181	55	8	32	03		008		HS
SA	1250	170 SCT E250 OVC	20			170	56	9	34	04		004	820 1078	HS
SA	1349	170 SCT 250-OVC	20			155	58	13	14	09		001		HS
SA	1450	170 SCT 250-OVC	20			151	58	13	14	10		000		HS
SA	1546	150 SCT E250 OVC	20			149	59	10	12	08		999	615 1052 60	MR
													RADAT 20112	
SA	1648	140 SCT E250 BKN	20			155	57	11	12	08		000		MR
SA	1746	90 SCT E140 BKN 250 OVC	20			155	55	8	13	06		999		MR
SA	1846	E90 BKN 140 BKN 250 OVC	20			159	53	11	12	09		001	305 1051	MR
SA	1945	90 SCT E140 BKN 250 OVC	20			153	51	11	12	09		999		MR
SA	2045	E80 BKN 250 OVC	20			151	50	12	12	09		999		MR
SA	2150	80 SCT E140 BKN 250 OVC	20			150	50	14	11	07		000	502 1071 60	MR
SA	2249	80 SCT E140 BKN 250 OVC	20			148	48	12	34	02		000		MR
SA	2347	E80 BKN 140 BKN 250 OVC	20			148	47	13	03	05		999		MR

A synoptic observation, in WMO code format FMITV, is entered on line following related aviation observation.

FMITV: Ulu NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 7

To convert LST to GMT ADD 8 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	26.730	34.6	26.9	34	2	1	Ac	180	1	Cs	250	2								2	0	.000			00-01
01 50	26.720	36.0	27.7	32	2															2					01-02
02 50	26.710	35.0	26.2	28	3															2					02-03
03 51	26.700	35.1	28.2	41	7	1	Ac	180	6	Cs	E250	7								5	7	.030			03-04
04 50	26.690	34.3	28.4	48	7															5					04-05
05 48	26.690	32.1	26.5	47	10															7					05-06
06 46	26.690	34.1	28.2	48	10	10	Cs	E250												8	6	.010			06-07
07 49	26.700	38.2	30.3	39	10															8					07-08
08 51	26.690	46.2	34.5	26	10															7					08-09
09 48	26.690	51.4	37.0	20	10	0	Ac	180	10	Cs	E250	10								6	0	.000			09-10
10 50	26.680	54.6	38.6	17	10															7					10-11
11 50	26.660	55.1	38.4	15	10															8					11-12
12 50	26.630	55.8	38.9	15	10	2	Ac	170	8	Cs	E250	10								7	8	.060			12-13
13 49	26.600	58.3	40.9	17	10															5					13-14
14 50	26.590	58.4	40.9	16	10															4					14-15
15 46	26.585	59.0	40.7	14	10	4	Ac	150	6	Cf	E250	10								6	6	.045			15-16
16 48	26.595	57.0	39.8	16	9															6					16-17
17 46	26.590	55.2	38.5	15	10															7					17-18
18 46	26.600	53.3	37.9	18	10	6	Ac	E90	3	Ac	140	9	1	Ci	250	10				9	3	.015			18-19
19 45	26.585	50.5	36.5	20	10															7					19-20
20 45	26.590	50.2	36.4	21	10															8					20-21
21 50	26.595	49.9	36.7	24	10	1	Ac	80	6	Ac	E140	7	3	Ci	250	10				7	5	.005			21-22
22 49	26.595	48.1	35.3	23	10															6					22-23
23 47	26.590	47.1	35.0	25	10															9					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	36	35	X	X						X		
	0346	1	0	0	0	40	35		0								
	0943	2	0	0	0	52	32		0								
	1542	3	0	0	0	60	51		0								
	2144	4	0	0	0	59	50		0								
	MID.	X	0	0	0	50	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.706	26.690	26.585	26.595
BAROGRAPH 64	26.690	26.690	26.580	26.570
BAR. CORR. 65	+.010	0	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	32	0	0	0	14	SE	1538✓					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED

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: 0950P - ON TIME / 1749P ON TIME

✓ LAST OF SEVERAL OCCURENCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 8

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	90 SCT E140 BKN 250 OVC	20			146	48	12	06	04		999	602 1071	MR
SA	0148	90 SCT E 130 OVC	20			144	49	14	15	04		999		MR
SA	0250	90 SCT 130 SCT 250-OVC	20			141	48	13	12	04		998		MR
SA	0350	140 SCT 250-OVC	20			136	49	15	21	10		998	807 1071 47 RADAT 68098	HS
SA	0449	250-OVC	20			145	48	17	13	07		000	AC SE	HS
SA	0548	140 SCT 250-OVC	20			155	47	17	09	05		002	SC SE	HS
SA	0649	250-OVC	20			165	44	16	12	06		004	220 1571	HS
SA	0748	250-OVC	20			175	49	15	05	04		007	SC AC SE	HS
SA	0852	250-OVC	20			177	53	14	11	07		009	SC SE	HS
SA	0949	250-OVC	20			178	57	22	23	13		010	117 1501 44	HS
SA	1050	250-OVC	20			178	60	25	25	10		010	SC SE	HS
SA	1148	250-OVC	20			171	61	26	24	13		008	SC SE	HS
SA	1251	250-OVC	20			162	62	30	23	17		005	814 1501	HS
SA	1349	250-OVC	20			161	63	30	22	13		005	SC SE	HS
SA	1450	250-OVC	20			161	63	30	23	11		005		HS
SA	1549	250-OVC	20			160	63	30	24	09		005	400 1051 63 RADAT 48098	MR
SA	1647	250-OVC	20			160	62	30	26	07		004		MR
SA	1745	250-OVC	20			168	58	30	27	05		006		MR
SA	1845	250-SCT	20			181	52	28	32	04		008	310 1008 1	MR
SA	1945	250-SCT	20			188	49	28	36	04		011		MR
SA	2046	CLR	20			189	47	28	01	04		011	C1 SE	MR
SA	2146	CLR	20			190	47	29	09	05		012	112 1001 63	MR
SA	2245	CLR	20			191	45	28	07	04		013		MR
SA	2345	CLR	20			193	44	28	03	04		013		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ii iiddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dpp} $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_{pp}$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-655-115-1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 8

To convert LST to GMT ADD 8 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 48	26.590	48.3	35.5	23	10	3	Ac	90	3	Ac	E140	6	4	Ci	250	10				7	6	.005			00-01
01 48	26.590	48.6	36.0	25	10															10					01-02
02 50	26.580	47.8	35.4	25	10															3					02-03
03 50	26.570	49.1	36.4	25	10	1	Ac	140	9	Ci	250	10								3	8	.020			03-04
04 49	26.590	47.8	36.2	29	10															4					04-05
05 48	26.610	46.9	35.8	30	10															5					05-06
06 49	26.630	44.1	34.0	32	10	0	Sc	60	0	Ac	140	0	10	Ci	250	10				4	2	.060			06-07
07 48	26.660	48.7	36.2	26	10															5					07-08
08 52	26.670	53.4	38.6	21	10															4					08-09
09 49	26.680	57.1	42.1	25	10	0	Sc	60	10	Ci	250	10								4	1	.050			09-10
10 50	26.680	60.3	44.5	26	10															3					10-11
11 48	26.660	60.8	44.9	26	10															3					11-12
12 51	26.640	62.0	46.8	30	10	0	Sc	60	10	Ci	250	10								3	8	.040			12-13
13 49	26.640	62.8	47.0	29	10															3					13-14
14 50	26.640	63.2	47.1	28	10															4					14-15
15 49	26.640	62.9	47.0	28	10	0	Ac	180	10	Ci	250	10								4	4	.000			15-16
16 47	26.635	61.8	46.4	29	10															3					16-17
17 45	26.650	58.1	44.9	34	10															1					17-18
18 45	26.670	51.7	41.2	40	3	3	Ci	250												0	3	.030			18-19
19 45	26.690	49.3	39.9	43	2															0					19-20
20 46	26.695	46.9	38.7	48	0															0					20-21
21 46	26.705	46.7	39.0	50	0	0	Ci	250												0	1	.035			21-22
22 45	26.710	45.3	38.0	51	0															0					22-23
23 45	26.715	44.4	37.5	53	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	49	41	X	X						X		
	0345	1	0	0	0	50	47		0								
	0944	2	0	0	0	58	44		0								
	1543	3	0	0	0	63	57		0								
	2142	4	0	0	0	63	47		0								
	MID.	X	0	0	0	47	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.630	26.640	26.705
BAROGRAPH 64	26.570	26.680	26.646	26.705
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 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
63	44	0	0	0	35	W	1229					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. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK: 0951P - ON TIME / +1 SEC 1650P

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 9

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (MI.) SURFACE (4)	VISIBILITY (MI.) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mbs.) (5)	TEMP (°F) (6)	DEW PT. (°F) (7)	WIND DIRECTION (00-36) (8)	WIND SPEED (Kts.) (9)	WIND CHARACTER (10)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			198	42	27	05	02		014	307	MR
SA	0145	CLR	20			204	40	27	10	03		016		MR
SA	0250	CLR	20			204	40	27	08	02		016		MR
SA	0350	250 - SCT	20			201	38	28	24	02		015	002 1001 38 RADAT 20111	HS
SA	0449	250 - SCT	20			208	41	28	15	03		017		HS
SA	0550	250 - BKN	20			218	39	28	36	05		020		HS
SA	0650	250 - OVC	20			227	38	29	28	02		021	217 1001	HS
SA	0749	250 - OVC	20			231	46	27	32	04		023		HS
SA	0848	250 - OVC	20			235	54	30	23	05		025		HS
SA	0950	250 - BKN	20			228	60	31	35	03		024	010 1001 38	HS
SA	1050	250 - BKN	20			224	62	29	26	05		023		HS
SA	1150	250 - OVC	20			216	64	30	23	07		021		HS
SA	1249	250 - SCT	20			213	66	31	23	11		020	714 1001	HS
SA	1349	170 SCT 250 - OVC	20			199	66	29	03	03		015		HS
SA	1450	170 SCT E250 OVC	20			194	67	27	27	05		014		HS
SA	1547	170 SCT E250 OVC	20			191	68	25	25	04		013	620 1052 68 RADAT 21164	MR
SA	1646	E160 BKN 250 OVC	20			185	65	24	21	10		011		MR
SA	1746	E150 BKN 250 OVC	20			191	63	23	23	08		012		MR
SA	1845	E150 BKN 250 OVC	20			197	60	23	24	07		013	302 1072	MR
SA	1946	E150 BKN 250 OVC	20			196	57	26	08	03		014		MR
SA	2044	E150 BKN 250 BKN	20			195	56	27	10	04		014		MR
SA	2145	E150 BKN 250 BKN	20			192	55	27	05	03		014	103 1071 68	MR
SA	2245	E140 BKN 250 OVC	20			181	56	24	05	06		012	RWU OMTNS SE	MR
SA	2346	E140 BKN 250 OVC	20			175	57	26	07	08		011		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO: 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 9

To convert LST to GMT ADD 8 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 45	26.725	41.6	35.6	56	0															0	3	.020			00-01
01 45	26.740	40.0	34.8	61	0															0					01-02
02 50	26.740	40.0	34.8	61	0															0					02-03
03 50	26.730	37.8	33.8	68	2	2	Ci	250												0	0	.005			03-04
04 49	26.750	41.2	35.6	59	2															0					04-05
05 50	26.770	39.4	34.6	63	7															0					05-06
06 50	26.780	37.8	34.1	70	10	10	Ci	250												1	2	.050			06-07
07 49	26.800	46.3	38.0	46	10															2					07-08
08 48	26.820	54.2	43.0	39	10															3					08-09
09 50	26.810	60.4	46.2	32	9	9	Ci	250												2	0	.030			09-10
10 50	26.800	62.2	46.6	29	9															2					10-11
11 50	26.780	64.0	47.7	28	10															2					11-12
12 49	26.770	65.8	48.6	27	5	5	Ci	250												1	7	.040			12-13
13 49	26.730	65.6	48.0	25	10															2					13-14
14 50	26.720	67.4	48.2	22	10															6					14-15
15 47	26.710	67.7	47.8	19	10	4	Ac	170	6	Ci	E250	10								8	6	.060			15-16
16 46	26.695	65.1	46.3	20	10															8					16-17
17 46	26.705	62.9	45.2	22	10															9					17-18
18 45	26.715	60.1	43.9	24	10	7	Ac	E150	3	Ci	250	10								9	3	.005			18-19
19 46	26.720	57.4	43.4	30	10															9					19-20
20 44	26.725	55.8	43.0	33	9															8					20-21
21 45	26.725	54.8	42.3	33	9	8	Ac	E150	1	Ci	250	9								8	1	.010			21-22
22 45	26.700	55.9	42.1	29	10															8					22-23
23 46	26.690	56.5	43.0	31	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	PRECIP. ORIGIN 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	47	38		0								
	0945	2	0	0	0	61	38		0								
	1543	3	0	0	0	68	60		0								
	2143	4	0	0	0	68	54		0								
	MID.	X	0	0	0	57	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.816	26.710	26.725
BAROGRAPH 64	26.740	26.810	26.695	26.705
BAR. CORR. 65	-.010	* 0	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	38	0	0	0	17	SW	1620					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 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: 0955P - CW TIME / +1 SEC 1638P

* BAROGRAPH CHANGED RE-SET TO "0"

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 1 0

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Mi.) SURFACE (4)	VISIBILITY (Mi.) 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	0048	100 SCT E140 OVC	20			166	57	28	11	10		008	719 107/	MR
SA	0147	90 SCT E130 OVC	20			155	62	32	18	17	G22	006		MR
SA	0250	90 SCT E130 OVC	20			151	62	36	20	16	G23	005		MR
SA	0350	E150 OVC	20			144	62	38	21	14	G21	003	717 102/ 54 RADAT 80107	JD
SA	0449	E150 OVC	20			154	57	31	14	07	G17	005		JD
SA	0549	E140 OVC	20			158	56	30	18	12		006		JD
SA	0647	100 SCT E140 OVC	20			155	60	40	19	17		005	005 107/	JD
SA	0749	70 SCT E130 OVC	20		RW-	167	61	41	19	17	G24	008	RB31	JD
SA	0846	80 SCT E130 OVC	20			163	61	42	21	14	G26	007	BINOVC NW RE13	JD
SA	0949	90 SCT E140 OVC	20			166	62	42	20	14	G24	007	BINOVC NW 00801 157/ 54	JD
SA	1049	E150 OVC	20			168	63	41	24	14		008		JD
SA	1149	E160 OVC	20			165	64	40	22	15		008	BINOVC NW	JD
SA	1249	E160 OVC	20			154	65	40	22	17		005	BINOVC NW 808 117/	JD
SA	1348	E170 OVC	20			140	65	40	24	11		002		JD
SA	1450	E170 OVC	20			133	66	40	19	17		999		JD
SA	1551	E180 BKN 230 OVC	20			128	66	39	21	15		998	619 1177 67 RADAT 52106	[illegible]
SA	1653	E170 OVC	20			129	65	40	20	11		997		[illegible]
SA	1752	E170 OVC	20			130	63	38	23	11		997		[illegible]
SA	1853	E170 OVC	20			129	62	38	19	08		997	603 107/	[illegible]
SA	1953	E170 OVC	20			127	63	36	21	09		997		[illegible]
SA	2053	E150 OVC	20			124	63	36	21	15	G24	996		[illegible]
SA	2148	50 SCT E150 OVC	20			118	63	36	22	16	G23	995	807 157/ 67	[illegible]
SA	2249	50 SCT E150 BKN 230 OVC	20			109	63	30	20	20	G32	993		[illegible]
SA	2347	M90 BKN 230 OVC	20			102	63	30	19	21	G30	991		[illegible]

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hs$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 10

To convert LST to GMT ADD 8 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 48	26.670	56.8	43.6	33	10	2	Ac	100	10	As	E140	10								10	7	.055			00-01
01 47	26.650	62.3	47.4	32	10															10					01-02
02 50	26.640	62.0	48.6	37	10															10					02-03
03 50	26.620	61.9	49.5	41	10	10	As	E150												10	7	.050			03-04
04 49	26.635	56.6	44.5	37	10															10					04-05
05 49	26.645	55.6	43.6	37	10															10					05-06
06 47	26.635	60.0	49.3	47	10	2	Ac	100	10	As	E140	10								10	0	.015			06-07
07 49	26.665	60.9	50.2	48	10															10					07-08
08 46	26.655	61.0	50.7	50	10															10					08-09
09 49	26.660	61.6	50.9	48	10	0	Sc	50	1	Ac	90	1	10	As	E140	10				10	0	.025			09-10
10 49	26.670	63.3	51.2	44	10															10					10-11
11 49	26.665	64.1	51.2	41	10															10					11-12
12 49	26.635	64.8	51.5	40	10	0	Cu	50	0	Ac	100	0	10	As	E160	10				10	8	.025			12-13
13 48	26.610	64.7	51.4	40	10															10					13-14
14 50	26.590	66.2	52.1	39	10															10					14-15
15 51	26.580	65.9	51.5	37	10	0	Cu	60	8	Ac	E180	8	10	Cs	230	10				10	6	.055			15-16
16 53	26.570	64.7	51.3	40	10															10					16-17
17 52	26.570	63.3	50.1	39	10															10					17-18
18 53	26.570	62.1	49.5	41	10	10	Ac	E170												10	6	.010			18-19
19 53	26.570	62.9	49.2	37	10															10					19-20
20 53	26.560	63.0	49.3	37	10															10					20-21
21 48	26.550	63.1	49.0	36	10	3	Sc	50	10	Ac	E150	10								10	8	.020			21-22
22 49	26.525	62.8	47.0	29	10															10					22-23
23 47	26.510	63.0	47.2	29	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	63	56	X	X						X		
	0345	1	0	0	0	63	55		0								
	0945	2	.01	0	0	62	56		0								
	1546	3	0	0	0	67	62		0								
	2144	4	0	0	0	66	62		0								
	MID.	X	0	0	0	63	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1551	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.600	26.580	26.550
BAROGRAPH 64	26.610	26.640	26.560	26.530
BAR. CORR. 65	+.010	+.020	+.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	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	56	.01	0	0	33	S	2351					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0731	0813			

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: 0540P +1 SEC +1 SEC 1900

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 11

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. (Miles) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	90 SCT E230 OVC	20			100	63	32	22	20	G33	991	RB28E33/61500 1507	[illegible]
SA	0145	M 70 OVC	20			090	62	29	21	17	G23	988		[illegible]
SA	0250	M 45 OVC	20			087	62	26	22	22	G30	987	RB19 E24	[illegible]
SA	0350	M 57 OVC	20			078	61	31	20	19	G29	984	82000 1511 61 20001	/
								~~29~~					RADAT 60093	JD
SA	0450	M 65 OVC	20			077	61	29	18	23	G35	983		JD
SA	0547	M 55 BKN 90 OVC	20			074	60	29	18	26	G38	982	PK WND 1938/45	JD
SA	0648	M 55 BKN 90 OVC	20			083	60	32	20	19	G28	984	RWU SE PK WND 1937/37	/
								~~29~~					302 152/	JD
SA	0747	M 55 BKN 90 OVC	15		RW-	079	59	29	18	24	G40	983	RB41 PKWND 1640/44	JD
SA	0848	40 SCT E65 BKN 90 BKN 150 ~~BKN~~ OVC	20			085	55	37	19	12	G24	984	RE41	JD
SA	0950	65 SCT 90 SCT E150 OVC	20			075	60	32	21	26	G40	982	RWU SE PKWND 2140/49	/
													80707 152/ 51	JD
SA	1047	65 SCT 150 SCT 250-OVC	20			080	60	37	20	21	G32	984	PKWND 1937/22	JD
SA	1148	65 SCT E150 BKN 250 OVC	20			071	63	36	22	24	G32	982	PK WND 1937/15	JD
SA	1248	45 SCT 65 SCT E140 OVC	15		RW-	068	58	41	20	24	G33	980	RB26 PK WND 2237/27	/
													80700 152/	JD
SA	1348	65 SCT E140 OVC	20			065	54	41	22	17	G26	979	RE41 PK WND 2037/23	JD
SA	1451	65 SCT E140 BKN 250 OVC	20			048	59	38	17	15	G24	974		JD
SA	1554	E35 BKN 110 OVC	20			046	56	38	19	18	G25	973	72201 152/ 64	[illegible]
—	—												RADAT 68095	—
SA	1651	30 SCT M 80 OVC	20			053	53	40	19	17	G25	974	RWU SE	[illegible]
SA	1751	30 SCT M 75 OVC	20			058	52	40	19	16	G24	975		[illegible]
RS	1848	M75 OVC	20			054	52	40	26	12		974	WSHFT 40/005 102/	[illegible]
SA	1952	M50 BKN 75 OVC	20			058	50	42	26	18	G25	975		[illegible]
SA	2051	M45 BKN 75 OVC	20			065	50	41	23	16		976	BINOVC.	[illegible]
SA	2150	M55 BKN 90 BKN	20			066	50	40	21	12		978	210 1570 64	[illegible]
SA	2250	M30 OVC	20			073	51	40	23	10		980		[illegible]
SA	2351	M30 OVC	20			075	51	40	22	13		981		[illegible]

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V ... Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 11

To convert LST to GMT ADD 8 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	26.505	62.7	47.7	32	10	4	Sc	90	10	CS	CB80	10								8	6	.045			00-01
01 45	26.480	61.9	46.4	29	10															10					01-02
02 50	26.470	61.9	45.5	25	10															10					02-03
03 50	26.445	60.5	46.2	32	10	10	Sc	M55												10	8	.060			03-04
04 50	26.440	60.7	45.7	29	10															10					04-05
05 47	26.430	60.2	45.6	30	10															10					05-06
06 48	26.450	59.9	46.5	35	10	9	Sc	M55	1	Ns	90	10								10	3	.005			06-07
07 47	26.440	59.1	45.2	32	10															10					07-08
08 48	26.450	54.8	45.9	51	10															10					08-09
09 50	26.430	59.8	46.4	35	10	1	Sc	65	0	Ac	90	1	10	Ns	E150	10				10	8	.020			09-10
10 47	26.445	60.2	48.3	42	10															4					10-11
11 48	26.425	62.6	48.9	37	10															8					11-12
12 48	26.410	58.1	48.9	53	10	1	STRM	45	2	Sc	65	3	7	Ns	E140	10				10	8	.020			12-13
13 48	26.395	54.2	47.4	62	10															10					13-14
14 51	26.360	59.0	48.1	45	10															10					14-15
15 54	26.345	55.7	46.8	52	10	7	Sc	E35	10	As	110	10								10	7	.065			15-16
16 51	26.360	53.3	46.2	59	10															10					16-17
17 51	26.370	52.2	46.0	63	10															10					17-18
18 48	26.360	52.0	45.7	63	10	10	As	M75												10	0	.015			18-19
19 52	26.370	50.3	45.7	72	10															10					19-20
20 51	26.380	49.5	45.0	71	10															9					20-21
21 50	26.390	50.0	45.0	69	9	7	Sc	M55	2	Ac	90	9								9	2	.030			21-22
22 50	26.410	50.7	45.1	66	10															10					22-23
23 51	26.420	50.5	45.3	68	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	T	0	X	63	61	X	X						X		
	0345	1	T	0	0	63	61		0								
	0945	2	.07	0	0	61	51		1								
	1549	3	.01	0	0	64	54		0								
	2146	4	0	0	0	56	50		0								
	MID.	X	0	0	0	52	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1534	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.445	26.430	26.345	26.390
BAROGRAPH 64	26.425	26.405	26.330	26.350
BAR. CORR. 65	+.020	+.025	+.015	+.040

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
64	50	.08	0	0	40	SW	0749*					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0028	0033			
RW-	0919	0924			
RW-	0741	0841			
RW-	1226	1341			

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: 0455 P +1 SEC 1955 +1 SEC

* LAST OF SEVERAL OCCURANCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 12

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

TYPE (1)	TIME (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4a) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS
SA	0049	30 SCT M65 OVC	20			079	50	41	23	11		981	110 1511	KG
SA	0148	30 SCT M75 BKN	20			082	48	41	26	07		981		KG
SA	0250	M30 BKN 65 OVC	20			075	49	42	33	08		980		KG
SA	0349	M37 BKN 70 OVC	20			083	48	42	33	05		982	302 1511 48 20008	/
													RADAT 98077	JD
SA	0449	37 SCT 70 SCT	20			087	45	42	18	03		983		JD
SA	0548	35 SCT 70 SCT	20			101	44	41	08	02		985		JD
SA	0647	CLR	20			106	45	42	09	03		987	217 1500	JD
SA	0747	CLR	20			110	49	43	32	02		988	FEW SC	JD
SA	0847	30 SCT 80 SCT	20			115	53	43	01	02		991		JD
SA	0950	30 SCT 80 SCT	20			115	55	41	36	02		991	012 1130 44	JD
SA	1047	35 SCT 80 SCT	20			109	57	39	35	05		990		JD
SA	1147	35 SCT 80 SCT	20			105	60	39	24	05		988		JD
SA	1246	35 SCT 80 SCT	20			098	61	37	36	04		987	712 1130	JD
SA	1347	35 SCT 80 SCT	20			095	61	35	26	03		986		JD
SA	1450	35 SCT 80 SCT	20			091	66	34	16	02		985		JD
SA	1553	50 SCT	20			092	63	33	36	05		985	605 1100 66 RADAT 74090	KG
SA	1650	50 SCT	20			092	64	30	08	08		985		KG
SA	1752	50 SCT	20			096	62	32	14	08		986		KG
SA	1854	CLR	20			104	59	33	09	06		987	307 1400	KG
SA	1948	CLR	20			108	55	31	07	05		988		KG
SA	2050	CLR	20			111	52	31	35	03		990		KG
SA	2152	CLR	20			113	51	31	36	09		991	108 1001 66	KG
SA	2250	CLR	20			110	52	32	05	10		991		KG
SA	2346	CLR	20			112	50	35	06	06		991		KG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dcpp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO 1980-0-665-115/1108

MF1-10B (2-77)

SURFACE WEATHER OBSERVATIONS

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 12

To convert LST to GMT ADD 7 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	26.420	47.6	45.1	72	10	4	SC	30	10	SC	M65	10								10	1	+.030			00-01
01 48	26.420	47.8	44.2	77	9															9					01-02
02 50	26.410	48.6	45.1	78	10															9					02-03
03 49	26.425	48.4	45.0	78	10	7	SC	M37	3	SC	70	10								10	3	.005			03-04
04 49	26.440	44.9	43.2	88	5															5					04-05
05 48	26.460	44.0	42.7	91	5															4					05-06
06 47	26.475	45.0	43.4	88	0	0	SC	30	0	SC	70	0								0	2	.050			06-07
07 47	26.490	49.0	45.7	79	0															0					07-08
08 47	26.505	52.6	47.3	69	1															1					08-09
09 50	26.510	54.5	47.2	59	4	4	CU	30	0	AC	80	4								4	0	.035			09-10
10 47	26.500	57.1	47.6	50	2															2					10-11
11 47	26.490	59.9	48.8	45	3															3					11-12
12 46	26.475	60.9	48.5	40	2	2	CU	35	0	AC	80	2								2	7	.035			12-13
13 47	26.465	61.2	48.1	38	5															5					13-14
14 50	26.460	65.8	49.8	31	3															3					14-15
15 53	26.460	63.4	48.1	31	4	4	CU	50												4	6	.015			15-16
16 50	26.460	64.3	47.7	27	3															3					16-17
17 52	26.465	61.6	47.0	32	1															1					17-18
18 54	26.480	58.7	46.1	38	0	0	SC	50												0	3	.020			18-19
19 48	26.490	54.7	43.7	41	0															0					19-20
20 50	26.500	51.8	42.2	45	0															0					20-21
21 52	26.505	50.8	41.8	47	0	0	CI	250												0	1	.025			21-22
22 50	26.505	52.1	42.7	46	0															0					22-23
23 46	26.510	50.1	42.8	55	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	51	48	X	X						X		
	0345	1	0	0	0	52	48		0								
	0945	2	0	0	0	55	44		0								
	1548	3	0	0	0	66	55		0								
	2147	4	0	0	0	65	51		0								
	MID.	X	0	0	0	52	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.425	26.510	26.460	26.505
BAROGRAPH 64	26.395	26.480	26.435	26.480
BAR. CORR. 65	+.030	+.030	+.025	+.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
66	44	0	0	0	14	N	1026					3	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: 0534P ON TIME +1 SEC 1756

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 MAR 13

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			112	48	33	00	00		991	102 1001	KG
SA	0146	CLR	20			112	49	32	04	08		991		KG
SA	0250	CLR	20			103	46	34	11	04		988		KG
SA	0349	CLR	20			102	51	28	07	08		988	507 46 RADAT 57091	JD
SA	0449	CLR	20			103	48	25	05	11		988		JD
SA	0547	CLR	20			109	47	25	05	13		990		JD
SA	0647	CLR	20			113	50	25	05	08		991	307	JD
SA	0746	CLR	20			113	53	25	04	08		991		JD
SA	0847	CLR	20			113	56	27	03	11		991		JD
SA	0949	CLR	20		111	~~106~~	60	30	01	04		991	000 1100 46	JD
SA	1046	CLR	20			106	62	31	16	04		990		JD
SA	1146	CLR	20			099	63	32	24	07		987		JD
SA	1248	CLR	20			091	66	~~29~~ 34	22	12		985	717 1405	JD
SA	1348	50 SCT 250 SCT	20			083	68	37	23	14		984		JD
SA	1450	50 SCT 250 -BKN	20			080	68	43	20	15		982		JD
SA	1553	50 SCT 250 -BKN	20			073	67	41	23	13		981	614 1406 69 RADAT 76094	KG
SA	1650	E250 OVC	20			076	64	34	22	10		981		KG
SA	1749	250-OVC	20			080	62	37	21	13		982		KG
SA	1854	250-OVC	20			085	60	38	20	13		983	307 1007	KG
SA	1950	250-OVC	20			080	60	37	17	13		982		KG
SA	2047	250-OVC	20			078	59	38	18	13		982		KG
SA	2148	E250 OVC	20			076	59	36	17	13	G22	982	603 1007 69	KG
SA	2250	100 SCT 250-OVC	20			072	57	41	17	15	G28	981		KG
SA	2348	120 SCT E250 OVC	20			072	56	41	17	17	G24	981		KG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Ii... Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115-1108

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 13

To convert LST to GMT ADD 8 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	26.510	48.3	41.3	56	0	0	Ci	250												0	1	.005			00-01
01 46	26.500	48.6	40.8	51	0															0					01-02
02 50	26.490	46.3	40.7	63	0															0					02-03
03 49	26.490	51.4	40.9	40	0															0	5	.020			03-04
04 49	26.490	48.3	38.4	39	0															0					04-05
05 47	26.500	47.1	37.9	42	0															0					05-06
06 47	26.510	49.8	39.2	37	0															0	3	.020			06-07
07 46	26.510	52.5	40.8	35	0															0					07-08
08 47	26.510	55.8	42.8	32	0															0					08-09
09 49	26.510	60.1	45.7	31	0	0	Cu	50												0	0	.000			09-10
10 46	26.500	62.3	47.2	31	0															0					10-11
11 46	26.480	63.4	47.9	30	0															0					11-12
12 48	26.460	65.5	49.4	30	0	0	Sc	50	0	Ci	250	0								0	7	.050			12-13
13 48	26.445	68.0	51.8	33	1															1					13-14
14 50	26.430	67.8	53.5	38	6															1					14-15
15 53	26.420	66.7	52.5	39	8	1	Sc	50	8	Cs	250	8								3	6	.040			15-16
16 50	26.420	64.1	49.0	33	10															7					16-17
17 49	26.425	61.9	49.0	39	10															4					17-18
18 51	26.440	59.8	48.3	43	10	10	Cs	250												4	3	.020			18-19
19 50	26.430	59.8	48.0	42	10															4					19-20
20 47	26.430	59.0	48.0	45	10															4					20-21
21 48	26.420	59.4	47.7	42	10	10	Cs	E250												7	6	.010			21-22
22 50	26.420	57.3	48.8	55	10															5					22-23
23 48	26.420	56.3	48.4	57	10															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	52	46	X	X						X		
	0345	1	0	0	0	52	46		0								
	0945	2	0	0	0	60	47		0								
	1519	3	0	0	0	69	60		0								
	2144	4	0	0	0	67	59		0								
	MID.	X	0	0	0	60	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1553	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.510	26.420	26.430
BAROGRAPH 64	26.470	26.500	26.415	26.430
BAR. CORR. 65	+.020	+.010*	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	46	0	0	0	28	S	2241					2	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: 0531P +2 SEC +1 SEC 2231

*Barograph changed 0951P 0 corr.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 14

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (15)	TEMP (7)	DEW PT. (8)	WIND DIR. (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD
SA	0052	M45 BKN 120 OVC	20			071	56	42	17	14	G20	981	603 157/	~~AU~~
SA	0150	M45 BKN 120 OVC	20			064	55	40	18	17	G24	979		~~AU~~
SA	0252	45 SCT M 90 OVC	20			056	55	38	17	15		976		~~AU~~
SA	0350	45 SCT E 90 OVC	20			056	54	38	17	13		976	614 152/ 54 RADAT 69087	CG
SA	0447	45 SCT E90 OVC	20			064	51	39	21	12		977		CG
SA	0550	45 SCT E90 OVC	20			068	51	40	20	14		979	RB16E20	CG
SA	0651	40 SCT E90 OVC	20			067	50	42	20	12		978	00300 112/	CG
SA	0752	40 SCT E90 OVC	20			062	51	42	21	15		976		CG
SA	0847	E40 BKN 90 BKN	20			053	52	43	23	18		974		CG
SA	0947	E40 BKN	20			045	54	43	22	17		972	81700 1200 50	CG
SA	1047	M40 OVC	20			040	52	45	23	17		970		CG
SA	1154	M40 OVC	20		RW-	033	51	44	20	14	G23	968	RB19	CG
SA	1250	E40 BKN 90 OVC	20		RW-	027	49	45	16	10		965	72004 122/	CG
SA	1350	E40 BKN 90 BKN	20			006	53	44	19	12		960	RE06	CG
SA	1435	E40 BKN 90 OVC	20		RW-	002	48	44	23	12	G21	958	RB41	CG
SA	1550	11 SCT M 32 OVC	6		RW-	016	44	43	18	10		961	51414 121/ 54 RADAT 96074	EP
SA	1649	~~15 SCT M 32 BKN 90 BKN~~ 15 SCT M35 OVC	10		RW-	015	45	43	19	12		961		EP
SA	1746	15 SCT M32 BKN 90 BKN	10		RW-	013	44	41	18	11		960	V5B4 LVVR SE-S	EP
SA	1851	40 SCT E90 BKN 250 BKN	20			005	44	39	00	00		958	RE01 ~~T23T~~ 81017 1231	EP
SA	1949	40 SCT 90 SCT 250 SCT	20			008	42	39	35	03		959		EP
SA	2048	90 SCT 250 SCT	20			006	42	40	14	05		958		EP
SA	2150	90 SCT 250 SCT	20			010	41	40	34	05		959	30317 1231 54 CC	EP
SA	2247	40 SCT 90 SCT 250 SCT	20			010	41	39	33	05		959		EP
SA	2345	20 SCT M41 BKN 90 BKN	20			013	42	39	26	04		960		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO: 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 14

To convert LST to GMT ADD 7 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	26.420	56.0	48.5	59	10	7	SC	M45	3	AC	120	10								10	6	.010			00-01
01 50	26.400	55.1	47.1	56	10															10					01-02
02 52	26.380	54.7	46.0	52	10															10					02-03
03 50	26.380	53.8	45.6	54	10	5	SC	45	5	AS	E90	10								10	6	.040			03-04
04 47	26.390	51.3	45.1	63	10															10					04-05
05 50	26.400	50.6	45.3	67	10															10					05-06
06 51	26.390	50.4	45.8	72	10	5	CU	40	5	AS	E90	10								10	0	.010			06-07
07 52	26.380	51.3	46.2	69	10															10					07-08
08 47	26.360	51.7	47.0	72	8															8					08-09
09 49	26.340	54.0	47.9	65	8	8	CU	E40												8	8	.050			09-10
10 47	26.320	51.6	48.1	79	10															10					10-11
11 54	26.300	50.9	47.4	78	10															10					11-12
12 50	26.280	48.7	46.5	86	10	9	CU	E40	1	AS	90	10								10	7	.060			12-13
13 50	26.230	53.1	48.0	70	9															9					13-14
14 45	26.210	47.7	45.6	86	10															10					14-15
15 50	26.240	44.2	43.5	95	10	3	CUFRA	11	10	CU	M32	10								10	5	.040			15-16
16 49	26.235	44.5	43.6	94	10															10					16-17
17 46	26.230	44.0	42.7	91	9															9					17-18
18 51	26.210	43.5	41.2	83	9	3	CU	40	3	AC	E90	6	4	CI	250	9				7	8	.030			18-19
19 49	26.215	41.6	40.5	92	4															3					19-20
20 48	26.210	41.7	40.6	92	1															1					20-21
21 50	26.220	41.1	40.3	94	1	0	CU	40	1	AC	90	1	0	CI	250	1				1	3	.010			21-22
22 47	26.215	40.8	40.0	94	3															2					22-23
23 45	26.225	41.5	40.3	91	9															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	56	54	X	X						X		
	0343	1	0	0	0	60	54		0								
	0944	2	T	0	0	54	50		0								
	1545	3	.14	0	0	54	44		2								
	2145	4	.17	0	0	45	40		2								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.340	26.240	26.220
BAROGRAPH 64	26.380	26.340	26.230	26.200
BAR. CORR. 65	0	0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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
56	40	.31	0	0	30	5	1217					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0516	0520			
RW-	1119	1306			
RW+	1441	1801			

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: +1 SEC 0810 2005P +1SEC

MF1-10B

☆ U. S. GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 15

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	0047	20 SCT M41 BKN 90 OVC	20			016	42	40	22	08		960	303 1131	EP
SA	0146	41 SCT 90 SCT	20			013	42	37	23	08		960		EP
SA	0250	40 SCT	20			016	42	38	26	13		960		EP
SA	0349	M40 BKN	20			023	42	38	23	12	G21	961	303 1100 40 20031	CG
/													RADAT 90067	/
SA	0452	M50 BKN	20			037	42	37	24	15		965		CG
SA	0549	M45 BKN	20		RW-	054	41	38	24	13		970	RB23	CG
SA	0647	M45 BKN	20			063	41	38	25	05		972	RE02/ 23401 1100	CG
SA	0745	45 SCT	20			069	44	38	26	07		974		CG
SA	0848	E45 BKN	20			075	46	39	25	11		976		CG
SA	0945	E45 BKN	20			078	49	37	24	14		978	21701 1100 40	CG
SA	1046	E45 BKN	20			081	50	37	22	12		979		CG
SA	1148	E45 BKN	20			078	52	37	22	12		979		CG
SA	1248	E45 BKN	20			070	53	34	21	14		976	803 1200	CG
SA	1348	E45 BKN	20			063	53	32	21	16	G28	974		CG
SA	1446	E45 BKN	20			054	55	32	21	19	G28	972		CG
SA	1550	45 SCT 250 SCT	20			064	51	31	20	16	G25	974	507 110155 RADAT 65073	EP
SA	1647	45 SCT E250 BKN	20			064	51	30	17	15	G22	974		EP
SA	1748	E45 BKN 250 BKN	20			065	50	31	18	13		974		EP
SA	1849	E45 BKN 250 OVC	20			062	50	31	20	12		973	803 1401	EP
SA	1948	M50 BKN 250 OVC	20			061	49	32	18	14		973		EP
SA	2048	55 SCT E250 BKN	20			057	48	30	19	15		973		EP
SA	2149	55 SCT 250 SCT	20			055	47	33	19	14		972	803 1401 55	EP
SA	2248	60 SCT 250-SCT	20			051	45	33	20	17		971		EP
SA	2350	50 SCT	20			046	45	34	21	16	G24	970		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: (In) Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115-1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 15

To convert LST to GMT ADD 8 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 47	26.230	42.4	41.3	92	10	2	CUFRA	20	6	CU	M41	7	3	AC	90	10				9	3	.010			00-01
01 46	26.230	42.1	39.8	83	4															4					01-02
02 50	26.230	42.0	39.9	85	2															2					02-03
03 49	26.240	42.0	39.9	84	8	8	CU	M40												8	3	.010			03-04
04 52	26.280	42.0	39.6	82	9															9					04-05
05 49	26.320	40.5	39.4	91	9															9					05-06
06 47	26.340	40.9	39.4	89	9	9	CU	M45												9	2	.100			06-07
07 45	26.360	43.7	41.0	81	5															5					07-08
08 48	26.380	46.1	42.4	75	6															6					08-09
09 45	26.390	48.5	42.7	63	6	6	CU	E45												6	2	.050			09-10
10 46	26.400	49.7	43.6	62	7															7					10-11
11 48	26.400	52.2	44.7	56	7															7					11-12
12 48	26.380	53.4	44.1	48	9	9	CU	E45												9	8	.010			12-13
13 48	26.360	53.1	43.0	43	8															8					13-14
14 46	26.340	54.5	43.2	41	7															7					14-15
15 50	26.360	51.2	41.9	46	4	3	CU	45	1	CI	250	4								3	5	.020			15-16
16 47	26.360	50.9	41.5	45	7															4					16-17
17 48	26.355	49.9	41.1	47	9															6					17-18
18 49	26.350	50.1	41.2	47	10	7	SC	E45	3	CI	250	10								9	8	.010			18-19
19 48	26.350	48.6	40.9	52	10															10					19-20
20 48	26.345	47.8	39.7	49	9															5					20-21
21 49	26.340	46.7	40.2	57	3	2	SC	55	1	CI	250	3								2	8	.010			21-22
22 48	26.330	45.3	39.8	63	2															1					22-23
23 50	26.320	44.5	39.8	67	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	43	42	X	X						X		
	0342	1	0	0	0	43	40		1								
	0742	2	.01	0	0	49	40		1								
	1545	3	0	0	0	55	49		0								
	2145	4	0	0	0	51	47		0								
	MID.	X	0	0	0	47	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0745	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.240	26.390	26.360	26.340
BAROGRAPH 64	26.220	26.370	26.340	26.325
BAR. CORR. 65	+.020	+.020	+.020	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	40	.01	0	0	28	5	1448					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0523	0602			

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: 0830 +1 SEC, 2200 +1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 1 [illegible]

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	50 SCT	20			046	44	33	20	17	G27	970	607 1400	EP
SA	0147	CLR	20			039	43	32	20	13		968		EP
SA	0250	CLR	20			029	45	30	22	20	G31	966		EP
SA	0350	CLR	20			033	43	28	23	25	G34	965	614 1401 43 20001	CG
/													RADAT 48069 PK WND 2338/38	/
SA	0449	CLR	20			034	41	29	23	18	G28	965		CG
SA	0547	CLR	20			038	41	25	22	14	G24	967		CG
SA	0650	CLR	20			041	43	20	21	16	G25	968	307 1100	CG
SA	0747	CLR	20			046	44	21	21	15	G24	969		CG
SA	0852	250 SCT	20			048	45	21	21	22	G40	970	PK WND 2140/50	CG
SA	0957	50 SCT 250 SCT	20			056	48	20	20	22	G33	972	314 ~~FE~~ 1108 40	CG
SA	1050	40 SCT 250-BKN	20			058	47	26	20	24	G36	972	RWU SW PK WND 2036/48	CG
SA	1149	40 SCT E250 BKN	20			058	47	24	20	12		972	RWU SW	CG
SA	1247	M50 OVC	20		RW-	059	45	23	19	14	G24	972	RB43/ 40000 12//	CG
SA	1346	M50 OVC	20			068	43	31	22	17	G26	974	RE21	CG
SA	1447	M50 OVC	20			077	41	34	20	16	G26	976	R601E15 RWU E-S	CG
SA	1550	40 SCT E80 OVC	20			063	41	29	21	20	G28	972	00000 127/48 RADAT 91082	EP
SA	1646	40 SCT 80 SCT	20			063	42	26	22	23	G30	972		EP
SA	1744	40 SCT	20			063	41	27	20	15	G24	972		EP
SA	1843	CLR	20			070	41	25	21	14	G24	974	307 1400	EP
SA	1945	CLR	20			077	39	25	11	05		977		EP
SA	2045	CLR	20			076	40	23	19	14		977		EP
SA	2144	CLR	20			075	40	24	18	10		977	107 1400 48	EP
SA	2245	CLR	20			076	40	26	20	15	G21	977		EP
SA	2346	~~CLR~~ 50 SCT E250 BKN	20			078	37	28	06	05		977		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO 1980-0-665-115/1106

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 1 6

To convert LST to GMT ADD 8 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	26.320	44.1	38.9	64	1	1	Sc	50												1	6	.020			00-01
01 47	26.300	43.1	38.2	65	0															0					01-02
02 50	26.280	44.8	38.2	55	0															0					02-03
03 50	26.280	42.7	36.3	55	0	0	Sc	50	0	Ci	250	0								0	6	.040			03-04
04 49	26.280	41.0	36.0	63	0															0					04-05
05 47	26.290	41.3	34.7	52	0															0					05-06
06 50	26.300	42.9	34.1	39	0	0	Cu	50												0	3	.020			06-07
07 47	26.310	43.7	35.0	41	0															0					07-08
08 52	26.320	45.3	35.8	38	1															1					08-09
09 47	26.340	48.2	37.0	32	3	1	Cu	50	2	Cs	250	3								2	3	.040			09-10
10 50	26.340	46.7	38.0	44	7															3					10-11
11 49	26.340	46.6	37.2	40	9															9					11-12
12 47	26.340	45.0	37.6	51	10	10	Cu	m50												10	4	.000			12-13
13 46	26.360	42.8	37.5	62	10															10					13-14
14 47	26.380	40.6	37.5	76	10															10					14-15
15 50	26.340	41.0	36.0	63	10	3	Cu	40	10	Ac	E80	10								10	0	.000			15-16
16 46	26.340	41.7	35.3	54	2															2					16-17
17 44	26.340	41.1	35.3	57	1															1					17-18
18 43	26.360	41.0	34.5	52	0	0	Sc	50												0	3	.020			18-19
19 45	26.380	39.4	33.7	56	0															0					19-20
20 45	26.380	40.4	33.7	50	0															0					20-21
21 44	26.380	39.9	33.6	53	0	0	Sc	40												0	1	.020			21-22
22 45	26.380	39.7	34.0	57	0															0					22-23
23 46	26.380	37.2	33.5	69	7															5					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	45	43	X	X						X		
	0344	1	0	0	0	47	43		0								
	0943	2	0	0	0	48	40		0								
	1545	3	T	0	0	48	41		0								
	2142	4	0	0	0	42	39		0								
	MID.	X	0	0	0	40	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0849	0946	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.280	26.340	26.340	26.380
BAROGRAPH 64	26.260	26.320	26.330	26.370
BAR. CORR. 65	+.020	+.020	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	37	T	0	0	40	SW	0850					5	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1243	1321			
RW-	1401	1415			

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: 0906 +1SEC 2130 +1SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 17

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	0045	M45 BKN 250 OVC	20			076	39	30	00	00		976	802 1101	EP
SA	0144	M5X OVC	20			070	39	31	00	00		974		EP
SA	0245	M5X OVC	20		668	062	39	31	02	07		973		EP
SA	0347	M50 OVC	20			062	38	31	09	05		971	715 11// 37 RADAT 66059	CG
SA	0448	M50 OVC	20			054	43	28	20	10		970		CG
SA	0546	M35 OVC	20		RW-	063	42	32	20	16		972	RB42	CG
SA	0645	M45 OVC	20		RW-	063	41	33	20	13		972	10300 12//	CG
SA	0746	M35 OVC	20		R-	065	40	35	22	14		972		CG
SA	0860	M32 OVC	20		R-	067	40	36	23	03		973		CG
SP	0941	M22 OVC	20		R-				24	02		974	CIG RGD	CG
SA	0946	M22 OVC	20		R-	072	40	36	20	02		974	CIG RGD / 30702 12// 37	CG
SP	1015	M15 OVC	20		R-				34	05		973	CIG RGD	CG
SA	1046	M16 OVC	20		R-	064	40	38	34	10		972	CIG RGD	CG
SA	1145	M16 BKN 25 OVC	20		R-	066	40	39	01	06		972	CIG RGD	CG
SP	1210	16 SCT M32 OVC	20		R-				02	09		968	CIG RGD	CG
SA	1247	16 SCT M45 OVC	20			041	42	39	33	06		965	RE22 PRESFR / 82707 12//	CG
SA	1345	M45 OVC	20			032	44	39	34	04		963		CG
SA	1449	M41 OVC	20		R-	027	46	40	21	16		962	RB09	CG
SA	1550	M30 OVC	20		R-	028	43	~~42~~ 40	16	14 G	23	962	61014 1511 ~~40~~ 46 RADAT 98064	00$
RS	1650	M25 OVC	20		R-	014	44	42	03	02		959	CLDS TPG MTNS S	00$
RS	1748	M45 OVC	20		R-	018	44	40	20	18 G	27	960	VSBY LWR S	00$
SA	1846	E50 OVC	10		R-	046	38	38	23	15 G	25	967	PRESRR / 31411 15//	00$
SA	1950	15 SCT E50 OVC	10		R-	051	37	36	20	14		968		00$
SA	2049	15 SCT E50 OVC	10		R-	047	37	35	19	07		967		00$
RS	2150	E12 BKN 30 OVC	6		R	056	38	35	20	12 G	19	970	20865 172/ 46	00$
SA	2250	E15 BKN 30 OVC	10		R-	042	38	35	14	12 G	18	965		00$
SA	2347	E15 BKN 30 OVC	10		R-	047	37	34	16	15 G	21	966	PK WND 1837/24	00$

A synoptic observation, in WMO code format FMTTV, is entered on line following related aviation observation.

FMTTV: iiii Nddff VVwwW PPPTt $N_hC_LhC_MC_H$ T_dT_dopp $0P_oP_oP_oP_o$ 7RRR$_{ts}$ $6N_sC_hh_s$ $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 17

To convert LST to GMT ADD 8 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 45	26.375	38.8	35.0	70	10	6	CU	M45	4	CI	250	10								9	8	.005			00-01
01 44	26.360	39.0	35.7	74	10															10					01-02
02 45	26.350	38.9	35.6	74	10															10					02-03
03 47	26.330	38.4	35.3	75	10	10	CU	M50												10	7	.045			03-04
04 48	26.320	42.8	38.6	58	10															10					04-05
05 46	26.340	42.0	37.4	66	10															10					05-06
06 45	26.340	40.5	37.0	73	10	10	CU ~~MSC~~	M45												10	1	.010			06-07
07 46	26.340	40.0	37.7	82	10															10					07-08
08 50	26.350	40.2	38.4	86	10															10					08-09
09 46	26.360	40.1	38.3	86	10	10	CU	M22												10	3	.020			09-10
10 46	26.340	40.1	39.2	93	10															10					10-11
11 45	26.340	40.0	39.4	95	10															10					11-12
12 47	26.280	41.6	40.2	89	10	2	CUFRA	16	10	CU	M45	10								10	8	.080			12-13
13 45	26.260	43.7	41.2	82	10															10					13-14
14 49	26.250	45.7	43.0	81	10															10					14-15
15 50	26.250	43.3	41.8	89	10	10	SC	M30												10	6	.030			15-16
16 50	26.220	43.9	42.7	91	10															10					16-17
17 48	26.230	43.6	41.8	87	10															10					17-18
18 46	26.290	38.4	38.0	97	10	10	SC	E50												10	3	.040			18-19
19 50	26.300	37.3	36.9	97	10															10					19-20
20 49	26.290	37.0	36.2	93	10															10					20-21
21 50	26.315	38.0	36.7	89	10	7	CUFRA	E12	3	NS	30	10								10	2	.025			21-22
22 50	26.280	38.4	36.8	87	10															10					22-23
23 47	26.290	37.0	35.8	90	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	39	37	X	X						X		
	0342	1	0	0	0	40	37		0								
	0941	2	.02	0	0	43	38		1								
	1545	3	.14	0	0	46	40		2								
	2141	4	.65	0	0	44	36		2								
	MID.	X	.05	0	0	40	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0940	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.330	26.360	26.250	26.315
BAROGRAPH 64	26.320	26.360	26.250	26.310
BAR. CORR. 65	+.010	*0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
46	36	.86	0	0	37	5	2324					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0542	0705			
R-	0705	1222			
R-	1409	2140			
R	2140	2205			
R-	2205	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: 0602 +1 SEC / 2241P + 2SEC.

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1982 MAR 18

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)	ALTIM. ETER SET-TING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB-SERVER'S INITIALS (14)
RS	0049	15 SCT M45 OVC	15			045	37	33	21	11		967	RG30/70806 172/	008
SA	0148	15 SCT M35 OVC	15		R-	052	37	34	23	08		969	RB35	008
SA	0247	15 SCT M35 OVC	15		R-	047	37	33	26	06		968		008
SA	0353	M35 OVC	15		R-	047	37	33	26	06		968	00206 15// 36 20088	RD
—			—			—						—	RADAT 84053	—
SA	0449	M50 OVC	15			048	37	33	27	05		968	RE35	RD
SA	0550	35 SCT M50 OVC	20			054	36	32	22	15		970	SWU SSE	RD
SA	0652	35 SCT E50 BKN 120 BKN	20			063	37	30	20	17		971	21000 1820	RD
SA	0750	35 SCT 50 SCT E120 BKN 200 BKN	20			060	39	27	20	18		970		RD
SA	0849	35 SCT 50 SCT	20			062	40	27	20	21		971		RD
SA	0949	50 SCT 120 SCT	20			062	43	30	22	21		972	20300 1220 36	RD
SA	1049	50 SCT 140 SCT	20			063	44	28	21	19	G30	972	TCU E	RD
SA	1149	E50 BKN	20			069	44	30	22	17		974		RD
SA	1249	M50 BKN	20			066	44	29	18	20		973	005 1200	RD
SA	1348	M45 BKN	20		RW-	064	44	29	18	19		972	RB05 CB SSE MOVG N	RD
SA	1450	M45 BKN	20		RW-	066	46	28	21	20		973	CB SSE MOVG N	RD
SA	1550	E40 BKN	20		RW-	077	46	28	16	12	G20	976	CB S MOVG N/31001 1900	
—			—			—			—			—	46 RADAT 59060	008
SA	1650	E40 BKN	20			082	45	24	22	12	G18	977	RE35	008
SA	1749	E40 BKN 150 BKN	20			095	44	25	21	15	G23	981	CB N MOVG N	008
SA	1849	40 SCT E150 BKN	20			107	42	23	20	15	G21	984	32400 1905	008
SA	1948	40 SCT E150 BKN	20			114	40	22	21	10	G19	986		008
SA	2045	40 SCT 150 SCT	20			121	38	23	26	05		988		008
SA	2150	150 SCT	20			128	40	23	23	12	G23	991	22000 1001 46	008
SA	2249	CLR	20			132	37	26	22	10	G16	992		008
SA	2349	CLR	20			138	37	26	24	07	G16	994		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 13

To convert LST to GMT ADD 8 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 49	26.290	38.6	36.0	79	10	4	CUFRA	15	6	NS	M45	10								10	7	.025			00-01
01 48	26.310	37.2	35.7	87	10															10					01-02
02 47	26.300	37.0	35.4	87	10															10					02-03
03 53	26.295	36.8	35.0	85	10	10	SC	M35												10	0	.005			03-04
04 49	26.300	36.7	35.0	86	10															10					04-05
05 50	26.305	36.0	34.6	83	10															10					05-06
06 52	26.325	36.8	34.0	76	9	1	CUFRA	35	5	SC	E50	6	3	AS	120	9				9	2	.030			06-07
07 50	26.320	39.2	34.2	62	9															7					07-08
08 49	26.330	46.0	34.7	60	3															3					08-09
09 49	26.335	42.6	37.0	60	3	0	CU	35	2	CU	50	2	1	AS	120	3				3	2	.010			09-10
10 49	26.340	43.8	37.0	53	5															5					10-11
11 49	26.355	44.1	38.0	58	6															6					11-12
12 49	26.350	44.1	37.6	55	7	7	CU	M50												7	0	.015			12-13
13 48	26.350	45.8	38.0	49	8															8					13-14
14 50	26.350	45.8	38.0	49	8															8					14-15
15 50	26.380	46.1	38.3	49	9	9	CB	E40												9	3	.030			15-16
16 50	26.390	45.4	36.7	43	8															8					16-17
17 49	26.420	43.8	36.1	47	8															7					17-18
18 49	26.450	41.7	34.4	48	7	4	CB	40	3	CI	E150	7								7	3	.070			18-19
19 48	26.470	40.4	33.2	47	7															7					19-20
20 45	26.485	37.8	32.1	54	4															4					20-21
21 50	26.510	39.8	33.2	50	2	2	CI	150												2	2	.060			21-22
22 49	26.520	37.4	32.7	62	0															0					22-23
23 49	26.535	37.2	32.8	64	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0.01	0	X	40	37	X	X						X		
	0346	1	0.06	0	0	40	37		2								
	0943	2	T	0	0	43	36		1								
	1544	3	.01	0	0	46	42		1								
	2143	4	T	0	0	46	37		1								
	MID.	X	0	0	0	40	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.295	26.335	26.380	26.510
BAROGRAPH 64	26.295	26.335	26.390	26.510
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
46	36	.02	0	0	30	SW	1043					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONT	0030			
R-	0135	0435			
RW-	1305	1635			

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: 0840 + 1SEC / 1810P + 2SEC.

MF1-10B

☆ U.S.GPO:1977-0-765-003/1131

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 19

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			149	35	26	27	06		996	317	00$
SA	0144	CLR	20			153	35	28	24	10		997		00$
SA	0244	CLR	20			159	35	28	24	10		999		00$
SA	0350	200 SCT	20			164	34	29	25	06		001	214 1008 34 20003	RD
—			—			—						—	RADAT 65069	—
SA	0449	150 SCT 200 SCT	20			176	33	30	30	03		004		RD
SA	0547	50 SCT 150 SCT	20			186	32	29	31	05		007		RD
SA	0647	50 SCT	20			197	34	28	33	04		010	227 1500	RD
SA	0748	50 SCT	20			200	34	30	28	03		011		RD
SA	0847	50 SCT	20			205	39	29	24	06		012		RD
SA	0946	50 SCT	20			204	41	28	21	09		013	210 1100 32	RD
SA	1048	M55 BKN	20			209	45	31	19	08		014		RD
SA	1147	E50 BKN	20			203	46	31	23	13		013		RD
SA	1249	E55 BKN	20			197	46	31	24	10		011	807 1100	RD
SA	1349	E55 BKN	20			193	48	25	32	08		010		RD
SA	1449	E55 BKN	20			193	49	23	36	08		010		RD
SA	1550	80 SCT	20			193	48	21	34	08		010	603 1200 50 RADAT 45055	00$
SA	1648	80 SCT	20			193	48	19	35	07		010		00$
SA	1745	80 SCT	20			196	46	22	29	03		010		00$
SA	1849	80 SCT	20			195	45	23	05	06		010	400 1200	00$
SA	1945	CLR	20			203	40	29	09	02		012		00$
SA	2044	CLR	20			204	40	29	10	05		012		00$
SA	2144	CLR	20			208	37	30	01	04		013	210 50	00$
SA	2245	CLR	20			206	35	27	12	02		013		00$
SA	2347	CLR	20			206	34	29	02	01		013		00$

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ... Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_psp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1930-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 19

To convert LST to GMT ADD 8 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 48	26.560	34.8	31.4	70	0															0	3	.050			00-01
01 44	26.570	34.7	31.8	75	0															0					01-02
02 44	26.590	34.9	32.2	76	0															0					02-03
03 50	26.600	34.3	32.0	80	2	2	Cs	200												2	2	.040			03-04
04 49	26.630	33.0	31.8	89	3															3					04-05
05 47	26.655	32.2	31.0	88	3															3					05-06
06 47	26.680	33.3	31.6	80	2	2	Sc	50												2	2	.080			06-07
07 48	26.690	36.3	33.6	78	1															1					07-08
08 47	26.700	38.6	34.6	68	4															4					08-09
09 46	26.710	41.0	35.6	60	5	5	Cu	50												5	2	.030			09-10
10 48	26.720	45.0	38.7	57	8															8					10-11
11 47	26.705	46.1	39.2	55	8															8					11-12
12 49	26.690	45.8	39.0	55	8	8	Cu	ESS												8	8	.020			12-13
13 49	26.680	47.6	38.3	43	7															7					13-14
14 49	26.680	48.6	38.0	36	6															6					14-15
15 50	26.680	48.1	37.4	35	4	4	Cu	80												4	6	.010			15-16
16 48	26.680	48.0	36.8	32	4															4					16-17
17 45	26.680	45.9	36.4	39	2															2					17-18
18 49	26.680	44.8	36.0	41	1	1	Cu	80												1	4	.000			18-19
19 45	26.695	40.0	35.4	65	0															0					19-20
20 44	26.700	39.6	35.3	67	0															0					20-21
21 44	26.710	37.2	34.0	74	0															0	2	.030			21-22
22 45	26.710	35.4	32.2	72	0															0					22-23
23 47	26.710	33.9	31.9	82	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	37	34	X	X						X		
	0344	1	0	0	0	40	34		1								
	0942	2	0	0	0	41	32		0								
	1545	3	0	0	0	50	41		0								
	2140	4	0	0	0	49	37		0								
	MID.	X	0	0	0	37	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1549	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.710	26.680	26.710
BAROGRAPH 64	26.600	26.715	26.690	26.720
BAR. CORR. 65	0	-.005	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
50	32	0	0	0	19	W	1419					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 1103 OK / AT 2130P +2 SECS.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 2 0

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (5) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (6)	SEA LEVEL PRESS. (16)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			205	34	29	04	03		013	400	008
SA	0147	CLR	20			200	35	26	05	08		012		008
SA	0244	CLR	20			201	34	27	08	02		012		008
SA	0351	CLR	20			194	33	25	05	03		010	710 32 RADAT 57060	RD
SA	0449	CLR	20			200	30	27	30	06		011		RD
SA	0548	CLR	20			200	34	25	07	05		012		RD
SA	0647	CLR	20			204	37	24	01	10		013	210	RD
SA	0747	CLR	20			210	39	27	01	11		014		RD
SA	0847	CLR	20			206	41	25	05	13		014		RD
SA	0947	CLR	20			208	44	21	04	16		014	303 1100 30	RD
SA	1047	60 SCT	20			204	45	26	01	12		013		RD
SA	1147	60 SCT	20			197	47	24	17	03		011		RD
SA	1247	60 SCT	20			189	49	25	36	11		009	819 1100	RD
SA	1348	60 SCT	20			179	51	23	30	09		007		RD
SA	1450	60 SCT	20			176	50	18	31	10		005		RD
SA	1546	60 SCT	20			173	50	19	05	05G	14	004	614 1200 54 RADAT 42064	008
SA	1645	60 SCT	20			178	49	18	36	08		005		008
SA	1749	60 SCT	20			176	47	20	02	10		005		008
SA	1848	60 SCT	20			181	45	21	03	10		006	207 1200	008
SA	1948	CLR	20			185	42	25	03	08		007		008
SA	2045	CLR	20			190	41	27	05	10		008		008
SA	2144	CLR	20			189	39	25	04	10		008	107 54	008
SA	2248	CLR	20			189	38	26	04	08		008		008
SA	2345	CLR	20			188	38	23	35	10		008		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V.II NddHH VVwwW PPPTT $^4h_Ch_Ch_Ch_C$ T_yT_yaaa $6P_0P_0P_0P_0$ $7RRR_{ts}$ $8N_sC_hh_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-865-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 20

To convert LST to GMT ADD 8 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 48	26.710	34.0	32.0	82	0															0	4	.000			00-01
01 47	26.700	35.4	31.6	68	0															0					01-02
02 44	26.700	33.6	31.0	76	0															0					02-03
03 51	26680	32.8	30.0	74	0															0	7	.030			03-04
04 49	26690	30.3	29.0	86	0															0					04-05
05 48	26.695	34.2	30.8	69	0															0					05-06
06 47	26.710	36.8	32.0	60	0															0	2	.030			06-07
07 47	26.720	39.3	34.2	61	0															0					07-08
08 47	26.715	41.0	34.7	53	0															0					08-09
09 47	26.720	43.7	35.0	40	0	0	Cu	60												0	3	.010			09-10
10 47	26.710	45.2	37.0	46	1															1					10-11
11 47	26690	46.3	37.5	41	1															1					11-12
12 47	26670	49.1	38.8	38	5	5	Cu	60												5	8	.050			12-13
13 48	26650	51.0	39.4	33	5															5					13-14
14 50	26.640	50.2	37.7	28	4															4					14-15
15 46	26.630	50.4	38.0	28	4	4	CU	60												4	6	.040			15-16
16 45	26.635	49.1	37.1	29	4															4					16-17
17 49	26.635	46.6	36.2	34	3															3					17-18
18 48	26.650	45.4	35.8	37	1	1	CU	60												1	2	.020			18-19
19 48	26.660	41.8	35.0	51	0															0					19-20
20 45	26.670	40.6	35.0	58	0															0					20-21
21 44	26.670	38.9	33.3	56	0															0	1	.020			21-22
22 48	26.670	38.1	33.3	62	0															0					22-23
23 45	26.670	38.3	32.5	54	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	36	32	X	X						X		
	0345	1	0	0	0	37	32		0								
	0541	2	0	0	0	44	30		0								
	1540	3	0	0	0	54	44		0								
	2140	4	0	0	0	51	38		0								
	MID.	X	0	0	0	40	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1545	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.720	26.630	26.670
BAROGRAPH 64	26.690	26.735	26.660	26.690
BAR. CORR. 65	-.010	-.015	-.030	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	30	0	0	0	21	NE	0853					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 0922 OK / AT 2115P +2SECS.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 21

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. (16)	TEMP °F (17)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Knots (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	CLR	20			188	36	24	04	10		008	400	008
SA	0147	CLR	20			178	36	24	04	10		006		008
SA	0250	CLR	20			179	36	23	03	10		006		008
SA	0348	CLR	20			186	36	22	03	14		008	500 35 RADAT 43058	CRD
SA	0445	CLR	20			189	35	21	04	10		008		CRD
SA	0545	CLR	20			193	34	21	06	09		009		CRD
SA	0647	CLR	20			198	36	22	05	10		012	308	CRD
SA	0746	CLR	20			202	39	22	05	08		012		CRD
SA	0847	CLR	20			204	43	19	01	09		013		CRD
SA	0946	CLR	20			203	45	21	04	14		013	105 34	CRD
SA	1045	CLR	20			203	48	19	03	09		013		CRD
SA	1145	CLR	20			201	50	16	02	03		013	CU NW	CRD
SA	1245	CLR	20			194	53	18	34	09		011	807 1100	CRD
SA	1346	CLR	20			190	53	21	03	05		010	CU ALQDS	CRD
SA	1451	80 SCT	20			186	53	20	36	06		008		CRD
SA	1546	80 SCT	20			185	53	17	01	15		008	607 1100 54 RADAT 49071	JK
SA	1647	CLR	20			187	52	17	02	13		008	CU ALQDS	JK
SA	1749	CLR	20			188	49	17	02	11		008		JK
SA	1845	CLR	20			193	47	19	05	10		010	303 1100	JK
SA	1947	CLR	20			197	45	19	02	10		011		JK
SA	2046	CLR	20			199	43	22	05	12		012		JK
SA	2148	CLR	20			197	43	19	04	10		012	107 54	JK
SA	2245	CLR	20			201	41	22	06	07		013		JK
SA	2346	CLR	20			201	40	22	05	10		013		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V ... NddH VVwwW PPPTT ... $1S_nC_hC_mC_h$ $1T_gT_gT_gDD$ $5P_0P_0P_0P_0$ $1RRR_tr$ $8N_sC_hh_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $4d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK NV

DATE: 3082 MAR 1

To convert LST to GMT ADD 8 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 46	26.670	36.3	31.4	60	0															0	4	.000			00-01
01 47	26.650	36.0	31.4	62	0															0					01-02
02 50	26.650	35.9	30.9	58	0															0					02-03
03 48	26.670	36.1	30.8	56	0															0	5	.000			03-04
04 45	26.670	34.8	29.8	57	0															0					04-05
05 45	26.680	33.7	29.1	59	0															0					05-06
06 47	26.695	36.2	30.8	55	0															0	3	.025			06-07
07 46	26.700	39.0	32.4	49	0															0					07-08
08 47	26.710	42.5	33.8	39	0															0					08-09
09 46	26.710	45.2	35.8	39	0															0	1	.015			09-10
10 45	26.710	48.3	37.0	31	0															0					10-11
11 45	26.710	50.2	37.3	25	0															0					11-12
12 45	26.690	52.7	39.1	25	0	0	CU	80												0	8	.020			12-13
13 46	26.680	53.2	40.0	28	0															0					13-14
14 51	26.670	53.2	39.8	27	1															1					14-15
15 46	26.670	52.9	38.8	24	1	1	CU	80												1	6	.020			15-16
16 47	26.670	51.8	38.3	25	0															0					16-17
17 49	26.670	49.2	37.0	28	0															0					17-18
18 45	26.680	46.8	36.0	32	0	0	CU	80												0	3	.010			18-19
19 47	26.690	45.0	35.1	35	0															0					19-20
20 46	26.700	43.1	34.8	43	0															0					20-21
21 48	26.700	42.8	34.0	38	0															0	1	.020			21-22
22 45	26.710	40.6	33.3	46	0															0					22-23
23 46	26.710	40.0	33.0	48	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	38	35	X	X						X		
	0345	1	0	0	0	40	35		0								
	0943	2	0	0	0	47	34		0								
	1544	3	0	0	0	54	45		0								
	2145	4	0	0	0	53	43		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.710	26.670	26.700
BAROGRAPH 64	26.680	26.710	26.670	26.700
BAR. CORR. 65	-.010	0*	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	34	0	0	0	18	N	1516					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 0900P + 2 SEC. 1910 T 1 SEC.

* BAROGRAPH CHART CHANGED 0850P O-COR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 22

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4a) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	CLR	20			194	39	21	07	10		012	000	JK
SA	0148	CLR	20			196	38	22	03	10		012		JK
SA	0250	CLR	20			194	37	21	03	11		011		JK
SA	0346	CLR	20			188	38	22	03	12		010	807 37 RADAT 39060	CRD
SA	0447	CLR	20			192	36	21	05	12		011		CRD
SA	0547	250 SCT	20			199	36	23	04	09		012		CRD
SA	0645	250 SCT	20			200	38	22	02	12		012	107 1001	CRD
SA	0746	250 SCT	20			197	42	21	04	12		012		CRD
SA	0845	250 SCT	20			199	45	20	02	11		013		CRD
SA	0945	250 - SCT	20			197	49	19	02	14		013	102 1001 36	CRD
SA	1046	250 - SCT	20			192	50	22	36	12		011		CRD
SA	1146	CLR	20			183	53	21	01	14		008		CRD
SA	1245	250 - SCT	20			175	54	15	03	05		006	719 1001	CRD
SA	1349	250 SCT	20			165	57	17	32	07		004		CRD
SA	1445	250 SCT	20			160	56	20	03	08		002		CRD
SA	1547	250 - OVC	20			156	56	17	03	08		001	817 1007 57 RADAT 43076	JK
SA	1650	250 - BKN	20			156	56	18	01	10		001		JK
SA	1751	250 SCT	20			162	53	21	01	09		002		JK
SA	1847	CLR	20			167	51	21	02	11		003	307	JK
SA	1948	CLR	20			170	48	22	05	10		004		JK
SA	2049	CLR	20			172	47	22	04	11		005		JK
SA	2148	CLR	20			175	45	23	05	08		005	107 57	JK
SA	2249	CLR	20			171	43	24	07	06		005		JK
SA	2345	CLR	20			171	43	23	06	10		005		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 22

To convert LST to GMT ADD 8 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	26.700	39.1	32.4	49	0															0	0	.000			00-01
01 48	26.700	37.5	31.6	53	0															0					01-02
02 50	26.690	36.9	31.1	53	0															0					02-03
03 46	26.680	38.2	32.0	51	0															0	8	.020			03-04
04 47	26.690	36.4	30.7	53	0															0					04-05
05 47	26.700	36.0	31.0	58	1															1					05-06
06 45	26.700	37.8	31.7	52	1	1	CI	250												1	1	.020			06-07
07 46	26.700	42.2	34.0	42	1															1					07-08
08 45	26.705	44.8	35.2	37	1															1					08-09
09 45	26.705	48.6	37.1	31	2	2	CI	250												0	1	.005			09-10
10 46	26.690	50.2	38.7	33	1															0					10-11
11 46	26.670	53.1	39.8	28	0															0					11-12
12 45	26.650	53.9	38.9	21	3	3	CI	250												0	7	.055			12-13
13 49	26.630	56.7	40.7	20	5															3					13-14
14 45	26.610	56.3	41.2	24	5															3					14-15
15 47	26.600	56.2	40.5	21	10	10	CS	250												4	8	.050			15-16
16 50	26.600	56.1	40.7	22	6															2					16-17
17 51	26.610	53.3	40.1	28	3															2					17-18
18 47	26.620	50.8	38.7	30	0															0	3	.020			18-19
19 48	26.630	48.0	37.5	36	0															0					19-20
20 49	26.640	47.4	37.3	37	0															0					20-21
21 48	26.640	44.5	36.0	43	0															0	1	.020			21-22
22 49	26.640	42.5	35.0	47	0															0					22-23
23 45	26.640	43.0	35.0	44	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	40	37	X	X						X		
	0344	1	0	0	0	43	37		0								
	0943	2	0	0	0	50	36		0								
	1544	3	0	0	0	57	49		0								
	2143	4	0	0	0	56	44		0								
	MID.	X	0	0	0	45	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.705	26.600	26.640
BAROGRAPH 64	26.695	26.700	26.600	26.640
BAR. CORR. 65	-.005	+.005	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	36	0	0	0	17	N	1103					3	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 0853P O.K. 2005P OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 23

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0048	CLR	20			169	43	23	04	07		005	400	JK
SA	0145	CLR	20			166	41	24	04	11		004		JK
SA	0250	CLR	20			164	41	22	03	12		004		JK
SA	0347	CLR	20			165	41	22	02	15		004	603 41 RADAT 43073	EP
SA	0445	CLR	20			166	40	23	03	15		004		EP
SA	0547	CLR	20			169	40	23	04	13		005		EP
SA	0647	CLR	20			175	42	22	04	15		007	307	EP
SA	0745	CLR	20			178	45	23	04	13		008		EP
SA	0849	CLR	20			176	49	22	03	13		008		EP
SA	0950	CLR	20			171	54	24	01	10		007	000 40	EP
SA	1048	CLR	20			168	56	20	01	10		005		EP
SA	1148	CLR	20			156	57	21	04	13		002		EP
SA	1249	CLR	20			147	58	19	05	08		000	820	EP
SA	1345	CLR	20			140	60	19	06	07		998		EP
SA	1450	CLR	20			135	61	23	26	05		997		EP
SA	1544	CLR	20			131	63	24	20	05		996	614 63 RADAT 51086	EP
SA	1645	CLR	20			131	62	24	02	09		996		JK
SA	1746	CLR	20			132	59	17	02	06		996		JK
SA	1850	CLR	20			136	54	23	30	02		996	400	JK
SA	1947	CLR	20			139	50	25	06	04		997		JK
SA	2047	CLR	20			143	46	28	04	04		998		JK
SA	2146	CLR	20			141	45	29	06	04		998	107 63	JK
SA	2247	CLR	20			137	43	30	06	03		997		JK
SA	2345	CLR	20			137	41	30	05	05		997		JK

A synoptic observation, in WMO code format FM12 IV, is entered on line following related aviation observation.

FM12 IV Ih iiiiff VVwwW PPPTT $N_hC_LhC_MC_H$ $T_dT_dT_ddd$ $6P_0P_0P_0P_0$ $7RRR_{ts}$ $8N_sC_hh_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $dwdwPwPwHwHw$ $4T_xT_xT_nT_n$

U.S. GPO: 1980-0-665-115 1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 MAR 23

To convert LST to GMT ADD 8 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 48	26.640	43.0	35.0	44	0															0	4	.000			00-01
01 45	26.630	40.9	34.1	50	0															0					01-02
02 50	26.630	41.2	33.9	47	0															0					02-03
03 47	26.630	41.1	33.8	47	0															0	6	.010			03-04
04 45	26.630	39.9	33.2	49	0															0					04-05
05 47	26.640	40.4	33.5	49	0															0					05-06
06 47	26.650	41.5	34.0	46	0															0	3	.020			06-07
07 45	26.660	44.6	35.8	41	0															0					07-08
08 49	26.660	49.1	38.2	34	0															0					08-09
09 50	26.650	54.0	41.0	30	0															0	0	.000			09-10
10 48	26.640	55.5	41.0	25	0															0					10-11
11 48	26.610	57.1	41.8	24	0															0					11-12
12 49	26.590	58.2	42.0	21	0															0	8	.060			12-13
13 45	26.570	60.2	43.1	20	0															0					13-14
14 50	26.560	61.3	44.5	23	0															0					14-15
15 44	26.550	62.7	44.5	20	0															0	6	.040			15-16
16 45	26.550	62.0	45.0	23	0															0					16-17
17 46	26.550	59.2	42.0	19	0															0					17-18
18 50	26.550	54.0	41.0	30	0															0	4	.000			18-19
19 47	26.560	49.5	39.2	38	0															0					19-20
20 49	26.570	46.1	38.4	50	0															0					20-21
21 46	26.570	45.0	38.0	53	0															0	1	.020			21-22
22 47	26.560	42.5	37.0	60	0															0					22-23
23 45	26.560	40.9	36.1	64	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	43	41	X	X						X		
	0944	1	0	0	0	45	41		0								
	0942	2	0	0	0	54	40		0								
	1542	3	0	0	0	63	54		0								
	2143	4	0	0	0	63	45		0								
	MID.	X	0	0	0	45	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1543	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.650	26.550	26.570
BAROGRAPH 64	26.620	26.645	26.540	26.560
BAR. CORR. 65	+.010	+.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
63	40	0	0	0	17	NE	0653					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: 1005 P + 1 SEC 1800 P OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1121

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1982 MAR 24

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	0048	CLR	20			138	39	30	02	02		997	603	JK
SA	0145	CLR	20			137	39	30	12	03		997		JK
SA	0250	CLR	20			133	38	29	09	03		995		JK
SA	0348	CLR	20			132	39	28	12	05		995	603 38 RADAT 45085	SH
SA	0445	CLR	20			138	36	30	11	04		996		SH
SA	0547	CLR	20			143	35	29	09	05		997		SH
SA	0646	CLR	20			151	40	30	13	02		999	214	SH
SA	0745	CLR	20			154	44	29	00	00		001		SH
SA	0845	CLR	20			153	51	29	22	04		001	FEW C1	SH
SA	0946	CLR	20			149	57	25	31	06		000	002 1001 35	SH
SA	1047	CLR	20			146	60	26	27	06		999		SH
SA	1145	250 - SCT	20			142	63	27	26	07		998		SH
SA	1248	250 -BKN	20			138	64	23	25	06		997	708 1006	SH
SA	1345	250 -BKN	20			131	66	23	22	07		995		SH
SA	1445	160 SCT E250 BKN	20			124	64	24	25	09		993		SH
SA	1546	160 SCT E250 BKN	20			124	64	24	18	09		993	614 ~~1780~~ 1078 66 RADAT 20100	LEF
SA	1645	E160 BKN 250 BKN	20			124	63	21	23	05		993		LEF
SA	1746	160 SCT E250 BKN	20			125	60	20	16	08		993		LEF
SA	1849	160 SCT E250 OVC	20			128	56	23	17	06		993	500 1077	LEF
SA	1948	E250 BKN	20			125	55	27	28	01		993		LEF
SA	2045	250 SCT	20			134	54	26	07	03		997		LEF
SA	2149	250 SCT	20			138	48	30	05	04		998	314 1006 66	LEF
SA	2249	250 SCT	20			134	46	31	02	02		997		LEF
SA	2349	250 - SCT	20			128	47	27	31	03		996		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: (h) Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 24

To convert LST to GMT ADD 8 hrs.

CLOUDS AND OBSCURING PHENOMENA

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 48	26.560	39.1	35.1	68	0															0	6	.010			00-01
01 45	26.560	38.6	34.9	71	0															0					01-02
02 50	26.550	37.7	34.2	71	0															0					02-03
03 48	26.550	39.4	34.7	64	0															0	6	.010			03-04
04 45	26.560	38.2	33.5	77	0															0					04-05
05 47	26.570	35.3	32.7	78	0															0					05-06
06 46	26.590	39.6	35.5	68	0															0	2	.040			06-07
07 45	26.600	44.0	37.6	56	0															0					07-08
08 45	26.600	51.4	41.2	41	0															0					08-09
09 46	26.595	56.8	42.7	29	0	0	CI	250												0	0	.005			09-10
10 47	26.590	60.2	44.6	26	0															0					10-11
11 45	26.580	62.6	46.0	25	1															0					11-12
12 48	26.570	63.7	45.6	21	7	7	CS	250												1	7	.025			12-13
13 45	26.550	65.7	46.4	19	9															2					13-14
14 45	26.530	63.7	45.7	21	9															6					14-15
15 46	26.530	63.6	45.6	21	9	5	AC	160	4	CS	E250	9								8	6	040			15-16
16 45	26.525	62.7	44.5	20	9															9					16-17
17 46	26.525	60.4	43.4	21	9															8					17-18
18 49	26.530	56.4	42.1	27	10	3	AC	160	7	CS	E250	10								10	5	000			18-19
19 48	26.530	54.6	42.3	34	8															5					19-20
20 45	26.560	53.6	41.5	34	5															4					20-21
21 49	26.570	48.1	40.0	49	4	4	CI	250												3	3	040			21-22
22 49	26.560	45.7	39.0	55	3															3					22-23
23 49	26.550	47.0	38.5	46	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	41	38	X	X						X		
	0344	1	0	0	0	45	38		0								
	0942	2	0	0	0	57	35		0								
	1541	3	0	0	0	66	57		0								
	2144	4	0	0	0	69	48		0								
	MID.	X	0	0	0	48	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26550	26595	26530	26570
BAROGRAPH 64	26540	26580	26515	26550
BAR. CORR. 65	+.010	+.015	+015	+020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
66	35	0	0	0	13	SW	1334					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0755P OK 2321 OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 25

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0047	250 SCT	20			129	44	29	05	03		996	607 1006	LEF
SA	0147	150 SCT E250 BKN	20			130	45	30	09	02		997		LEF
SA	0245	150 SCT E250 BKN	20			128	46	29	01	02		996		LEF
SA	0350	140 SCT E250 BKN	20			132	43	29	03	02		996	203 1078 42	SH
	—		—									—	RADAT 23099	—
SA	0445	140 SCT 250 - BKN	20			138	41	29	04	02		997		SH
SA	0546	E140 BKN 250 BKN	20			140	40	29	07	03		997		SH
SA	0646	140 SCT E250 OVC	20			143	44	29	02	04		998	207 1077	SH
SA	0745	E250 OVC	20			145	51	27	05	05		999	FEW AC	SH
SA	0845	E250 OVC	20			138	56	29	12	09		998		SH
SA	0947	120 SCT E250 OVC	20			140	59	26	12	09		998	000 1077 40	SH
SA	1045	E120 OVC	20			140	61	30	14	03		998	FEW SC	SH
SA	1145	80 SCT E120 OVC	20			132	62	23	24	07		996		SH
SA	1249	80 SCT E120 OVC	20			121	64	27	22	15		993	817 1581	SH
SA	1353	80 SCT E120 OVC	20			116	64	24	21	12		992		SH
SA	1445	80 SCT E120 OVC	20			108	63	26	21	15		990		SH
SA	1551	80 SCT E120 OVC	20			100	63	12	18	15		987	720 107/ 66 RADAT 48095	LEF
SA	1646	80 SCT E120 OVC	20			103	61	16	19	11		987		LEF
SA	1749	E100 BKN 120 OVC	20			097	59	21	18	09		987		LEF
SA	1847	E100 OVC	20			097	57	22	17	07		986	803 107/	LEF
SA	1945	E100 OVC	20			096	54	25	12	05		986		LEF
SA	2047	E100 OVC	20			090	52	27	31	02		985		LEF
SA	2148	E100 OVC	20			092	56	22	19	14		986	603 107/ 66	LEF
SA	2250	E100 OVC	20			090	54	24	18	12		986		LEF
SA	2346	E45 BKN 100 OVC	20			095	52	32	20	09		987		LEF

A synoptic observation, in WMO code format FM11Vx, is entered on line following related aviation observation.

FM11Vx Nddff VVwwW PPPTT 4hCLhCMCH $I_d T_d T_d T_d$ $6P_0P_0P_0P_0$ $7PPP_{tt}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}P_{24}P_{24}P_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 25

To convert LST to GMT ADD 8 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 47	26.550	44.4	37.8	55	4	1	ci	250												4	6	020			00-01
01 47	26.560	45.1	38.5	55	7															6					01-02
02 45	26.550	45.8	38.3	51	8															6					02-03
03 50	26.560	42.9	37.0	58	8	2	AC	140	6	CS	E250	8								6	2	.010			03-04
04 45	26.570	47.0	35.9	62	6															1					04-05
05 46	26.570	40.2	35.6	65	8															7					05-06
06 46	26.580	44.2	37.6	55	10	2	AC	140	8	CS	E250	10								8	2	.020			06-07
07 45	26.590	50.6	40.2	39	10															6					07-08
08 45	26.580	56.2	43.6	35	10															6					08-09
09 47	26.580	58.6	44.1	29	10	3	AC	120	7	CS	E250	10								10	0	.000			09-10
10 45	26.580	61.3	46.4	30	10															10					10-11
11 45	26.560	61.6	44.7	23	10															10					11-12
12 49	26.530	64.0	46.7	24	10	4	SC	80	6	AC	E120	10								10	8	.050			12-13
13 53	26.520	63.6	45.7	22	10															10					13-14
14 45	26.500	63.1	46.0	24	10															10					14-15
15 51	26.470	62.6	42.8	14	10	4	AC	80	6	AC	E120	10								10	7	060			15-16
16 46	26.475	60.6	42.6	17	10															10					16-17
17 49	26.470	58.6	42.7	23	10															10					17-18
18 47	26.460	56.7	42.0	26	10	10	AC	E100												10	8	010			18-19
19 45	26.460	53.7	41.2	32	10															10					19-20
20 47	26.450	52.2	41.0	37	10															10					20-21
21 48	26.450	55.5	41.5	27	10	10	AC	E100												10	6	010			21-22
22 50	26.460	54.4	41.4	31	10															10					22-23
23 46	26.470	51.9	42.6	46	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	47	42	X	X						X		
	0346	1	0	0	0	48	42		0								
	0942	2	0	0	0	59	40		0								
	1546	3	0	0	0	66	59		0								
	2143	4	0	0	0	63	52		0								
	MID.	X	0	0	0	56	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0944	1550	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.580	26.470	26.450
BAROGRAPH 64	26.540	26.560	26.475	26.450
BAR. CORR. 65	+.020	+.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 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
66	40	0	0	0	22	SW	1339					10	9		

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: 0730 P - OK 2315 OK

* BAROGRAM CHANGED - RESET TO ZERO CORRECTION 0956?

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 26

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	(7)	TEMP. (°F) (8)	DEW PT. (°F) (9)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	E35 BKN 50 OVC	20		RW-	089	50	39	24		12		985	RB14 00200 15//	LEF
SA	0146	M38 OVC	20		RW-	080	48	41	22		14		982		LEF
SP	0238	E12 OVC	10		RW-				24		14		982		LEF
SA	0245	E12 OVC	10		RW-	079	48	42	24		10		982		LEF
SP	0331	8 SCT E35 OVC	10		RW-				21		04		980		LEF
SA	0345	8 SCT E40 OVC	10		RW-	075	45	44	24		05		980	71209 16// 45 RADAT 00068	LEF
SA	0445	8 SCT E35 OVC	15		RW-	068	45	44	19		03		978		SH
SA	0545	8 SCT E32 OVC	20			070	46	44	36		04		978	RE12	SH
SA	0646	8 SCT E35 OVC	15			078	46	43	25		08		980	RB28E40 / 50001 172/	SH
SA	0745	9 SCT E32 OVC	20			084	45	43	28		08		981		SH
SA	0845	12 SCT E32 OVC	20			087	47	43	28		08		962		SH
SA	0948	12 SCT E32 OVC	20			089	48	43	21		15		983	21001 15// 45	SH
SA	1046	E32 BKN 100 OVC	20			092	50	40	22		10		984	BINOVC	SH
SA	1145	M32 OVC	20			097	50	41	26		11		985		SH
SA	1249	M45 BKN 100 OVC	20			096	53	41	25		10		985	BINOVC /107 157/	SH
SA	1345	E40 BKN 100 BKN	20			096	56	42	24		07		985		SH
SA	1445	40 SCT	20			092	57	40	25		07		984		SH
SA	1548	30 SCT	20			096	59	37	22		12		986	500 1400 59	LEF
/														RADAT 93L077092093	/
SA	1649	30 SCT	20			096	59	37	16		07		986		LEF
SA	1747	CLR	20			101	58	36	21		02		987		LEF
SA	1847	CLR	20			107	50	43	09		03		987	305 1400	LEF
SA	1950	CLR	20			118	48	42	12		01		990		LEF
SA	2045	CLR	20			125	46	42	03		03		992		LEF
SA	2148	CLR	20			128	46	40	09		08		993	219 59	LEF
SA	2248	CLR	20			137	43	41	11		02		996		LEF
SA	2346	CLR	20			136	43	39	05		04		996		LEF

A synoptic observation, in WMO code format FM13V, is entered on line following related aviation observation.

FM13V: III Nddff VVwwW PPPTT NhCLhCMCH TgTdgdgg 5PuPuPuPu 7RRRts 8NsCh hs 9SpSpspsp 2R24R24R24R24 3Pw0PwHwHw 4dwdwPwHwHw 6TxTxTnTn

U.S.GPO 1980-0-665-115:1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 26

To convert LST to GMT ADD 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.
0045	26.455	49.8	44.2	65	10	7	SC	E35	3	SC	50	10								10	8	005			00-01
0146	26.430	48.2	44.3	75	10															10					01-02
0245	26.430	47.8	44.8	80	10															10					02-03
0345	26.410	44.9	44.4	96	10	1	STRA	8	9	NS	E40	10								10	7	045			03-04
0445	26.390	45.2	44.4	95	10															10					04-05
0545	26.390	45.6	44.7	94	10															10					05-06
0646	26.410	45.7	44.2	90	10	2	STRA	8	8	NS	E35	10								10	5	.000			06-07
0745	26.420	45.4	44.3	92	10															10					07-08
0845	26.430	46.5	44.7	88	10															10					08-09
0948	26.440	47.7	45.2	84	10	4	STRA	12	6	SC	E32	10								10	2	.030			09-10
1046	26.450	50.0	45.0	69	10															10					10-11
1145	26.460	50.0	45.2	70	10															10					11-12
1249	26.460	52.7	46.4	63	10	7	SC	M45	3	AC	100	10								10	1	.020			12-13
1345	26.460	56.0	48.3	58	9															9					13-14
1445	26.450	56.7	48.0	54	5															5					14-15
1548	26.460	59.4	47.9	43	5	5	SC	30												3	5	000			15-16
1649	26.460	58.8	47.5	43	3															3					16-17
1747	26.470	57.6	46.7	44	0															0					17-18
1847	26.475	56.0	46.5	78	0	0	SC	30												0	3	015			18-19
1950	26.500	47.5	44.8	82	0															0					19-20
2045	26.520	46.0	43.8	85	0															0					20-21
2148	26.530	46.3	43.0	77	0															0	2	055			21-22
2248	26.550	43.0	41.8	91	0															0					22-23
2346	26.550	42.6	41.0	88	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0.09	0	X	52	45	X	X						X		
	0340	1	0.09	0	0	56	45		2								
	0943	2	.01	0	0	50	45		1								
	1543	3	0	0	0	59	48		1								
	2143	4	0	0	0	59	46		0								
	MID.	X	0	0	0	46	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.440	26.460	26.530
BAROGRAPH 64	26.410	26.440	26.455	26.525
BAR. CORR. 65	±0	±0	+005	+005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	43	0.10	0	0	19	SW	1048					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0014	0512			
RW-	0628	0640			

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: 0820P - OK 2323 OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NM

DATE: 1982 MAR 27

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0046	CLR	20			139	43	39	03	07		997	210	LEF
SA	0146	CLR	20			142	42	39	03	03		998		LEF
SA	0245	CLR	20			140	42	39	04	03		998	[illegible]	LEF
SA	0345	CLR	20			140	41	38	08	03		998	103 41 RADAT 60089	SH
SA	0446	CLR	20			146	38	37	09	03		998		SH
SA	0545	CLR	20			146	38	36	10	02		998		SH
SA	0647	CLR	20			157	42	39	15	02		001	210	SH
SA	0747	CLR	20			157	47	41	27	02		002		SH
SA	0846	CLR	20			162	50	41	25	03		003		SH
SA	0946	CLR	20			160	53	41	23	06		003	107 1500 38	SH
SA	1045	40 SCT	20			156	56	42	24	07		002		SH
SA	1146	40 SCT	20			151	58	41	25	09		001		SH
SA	1247	40 SCT	20			146	60	42	23	07		999	710 1400	SH
SA	1347	40 SCT	20			134	62	40	23	12		996		SH
SA	1445	50 SCT 250 SCT	20			125	64	39	24	12		994		SH
SA	1546	40 SCT	20			118	65	35	20	18		992	724 1400 65 RADAT 23103	LEF
SA	1647	CLR	20			118	63	36	21	14		992		LEF
SA	1745	CLR	20			123	60	35	21	15		992		LEF
SA	1846	CLR	20			120	55	32	21	10		992	502 1005	LEF
SA	1945	CLR	20			123	54	33	22	12		993		LEF
SA	2046	CLR	20			124	53	36	22	14		993		LEF
SA	2148	CLR	20			118	48	36	02	04		992	000 1005 65	LEF
SA	2248	CLR	20			112	48	35	31	02		990		LEF
SA	2347	250 - SCT	20			108	45	35	03	02		989		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

SMIVi Ir Nddff VVwwW PPPTT NhCLhCMCH TgTgppp 6PoPoPoPo 7RRRts 8NsChhs 9SpSpspsp 2P24R24R24R24 3PwPwHwHw dwdwPwHwHw 4TxTxTnTn

U.S. GPO 1980-0-665-115 1:108

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 27

To convert LST to GMT ADD 8 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 46	26.560	43.0	40.9	85	0															0	2	.030			00-01
01 46	26.570	41.8	40.2	88	0															0					01-02
02 45	26.570	42.0	40.4	87	0															0					02-03
03 45	26.570	41.2	39.8	89	0															0	1	.010			03-04
04 46	26.580	38.3	37.7	95	0															0					04-05
05 45	26.580	38.0	37.2	93	0															0					05-06
06 47	26.600	41.7	40.6	92	0															0	2	.030			06-07
07 47	26.610	47.2	44.2	80	0															0					07-08
08 46	26.620	50.0	45.2	71	0															0					08-09
09 46	26.620	53.0	46.9	65	0	0	Sc	40												0	1	.020			09-10
10 45	26.610	55.8	48.6	61	1															1					10-11
11 46	26.600	58.1	49.1	53	1															1					11-12
12 47	26.590	59.8	50.0	51	2	2	Sc	40												2	7	.030			12-13
13 47	26.560	62.3	50.6	45	2															2					13-14
14 45	26.540	63.6	50.6	41	3															2					14-15
15 46	26.520	64.5	49.5	34	3	3	Sc	40												3	7	070			15-16
16 47	26.515	62.7	48.9	36	0															0					16-17
17 45	26.520	59.7	47.5	40	0															0					17-18
18 46	26.515	55.0	44.0	41	0	0	Ci	250												0	5	005			18-19
19 45	26.525	54.0	43.9	44	0															0					19-20
20 46	26.530	53.3	44.6	51	0															0					20-21
21 48	26.515	48.0	42.4	64	0	0	Ci	250												0	0	000			21-22
22 48	26.500	48.2	42.0	61	0															0					22-23
23 47	26.490	45.0	40.4	68	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	43	41	X	X						X		
	0341	1	0	0	0	46	41		0								
	0942	2	0	0	0	53	38		0								
	1541	3	0	0	0	65	53		0								
	1543	4	0	0	0	65	48		0								
	MID.	X	0	0	0	48	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0944	1545	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26570	26620	26.520	26.515
BAROGRAPH 64	26565	26615	26.520	26.515
BAR. CORR. 65	+.005	+.005	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
65	38	0	0	0	23	SW	1438					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-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK: 0520 P - OK 2314 OK

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 28

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (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 (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	250 SCT	20			100	48	34	36	02		987	714 1005	LEF
SA	0149	250 SCT	20			086	49	36	25	06		984		LEF
SA	0245	E200 BKN	20			079	51	34	21	11		982		LEF
SA	0350	E250 OVC	20			070	52	36	23	13		980	722 1007 ~~48~~ 46 5	RK
/													RADAT 53086	/
SA	0451	E250 OVC	20			068	50	37	22	15		979		RK
SA	0552	160 SCT E250 OVC	20			071	48	37	23	17		979		RK
SA	0647	160 SCT E250 BKN	20			067	51	33	23	16		977	608 1038	RK
SA	0745	250 SCT	20			065	55	32	21	19	G29	977		RK
SA	0845	250 SCT	20			065	56	31	22	17	G29	977	CU DSNT W	RK
SA	0945	60 SCT 250 SCT	20			062	58	32	19	24	G31	976	803 1101 46	RK
SA	1045	60 SCT 250 SCT	20			051	59	30	18	25	G34	973		RK
SA	1147	60 SCT 250 SCT	20			045	61	26	20	24	G35	971	PK WND 2036/07	RK
SA	1246	60 SCT E250 BKN	20			036	61	22	19	25	G34	969	PK WND 1938/12 722 1104	RK
SA	1345	60 SCT E250 BKN	20			029	59	26	19	24	G34	967	PK WND 2040/14	RK
SA	1450	60 SCT E250 BKN	20			023	58	24	18	28	G41	965	PK WND 1741/46	RK
SA	1549	60 SCT E200 BKN	20			017	55	25	18	25	G34	963	PK WND 1836/05	JC
/													617 1104 62 RADAT	/
/													61079	/
SA	1650	60 SCT E200 OVC	20			020	54	27	20	21	G26	963		JC
SA	1745	E60 BKN 200 OVC	20			016	52	35	20	21	G29	962		JC
SA	1849	E60 BKN 200 OVC	20			022	48	34	21	17	G24	963	500 1104	JC
SA	1944	E60 BKN 200 OVC	20			017	47	33	19	28	G37	962	PK WND 1937/44	JC
SA	2050	60 SCT 200-BKN	20			016	46	30	18	21	G28	962		JC
SA	2149	60 SCT 200-BKN	20			016	45	28	20	22	G32	962	603 1101 62	JC
SA	2251	60 SCT 200-BKN	20			020	44	28	21	15		963		JC
SA	2349	60 SCT E200 BKN	20			013	42	22	23	12	G24	961		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{fs}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 28

To convert LST to GMT ADD 7 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 45	26.475	48.0	41.5	58	3	3	Ci	250												2	7	040			00-01
01 49	26.445	48.9	42.5	60	5															4					01-02
02 45	26.430	51.1	43.0	52	7															5					02-03
03 50	26.410	51.7	44.0	55	10	10	Cs	E250												6	7	065			03-04
04 51	26.400	49.7	43.3	61	10															6					04-05
05 52	26.400	48.4	42.8	64	10															10					05-06
06 47	26.385	51.1	42.6	50	7	2	Ac	160	5	Cs	E250	7								6	6	025			06-07
07 45	26.385	54.6	43.8	41	3															3					07-08
08 45	26.385	56.3	44.3	38	3															3					08-09
09 45	26.375	58.1	45.5	37	3	1	Cu	60	2	Ci	250	3								2	8	010			09-10
10 45	26.350	59.0	45.2	32	2															2					10-11
11 47	26.330	61.1	45.2	26	2															2					11-12
12 46	26.310	61.3	44.2	22	6	1	Cu	60	6	Ci	E250	6								5	7	065			12-13
13 45	26.290	58.5	44.0	29	8															6					13-14
14 50	26.275	57.8	43.1	27	8															6					14-15
15 49	26.260	53.4	42.1	30	9	3	Cu	60	6	Ci	E200	9								9	6	.050			15-16
16 50	26.260	53.5	41.8	35	10															9					16-17
17 45	26.250	52.4	43.9	51	10															10					17-18
18 49	26.260	47.7	41.3	59	10	6	Cu	E60	4	Ci	200	10								10	5	.000			18-19
19 44	26.250	47.0	40.3	52	10															10					19-20
20 50	26.250	46.2	39.0	53	7															3					20-21
21 49	26.250	44.8	37.6	51	6	4	Cu	60	2	Ci	200	6								3	6	.010			21-22
22 51	26.260	44.1	37.4	54	6															3					22-23
23 49	26.240	41.9	34.3	46	9															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	52	45	X	X						X		
	0347	1	0	0	0	52	45		0								
	0941	2	0	0	0	58	48		0								
	1545	3	0	0	0	62	55		0								
	2145	4	0	0	0	56	44		0								
	MID.	X	0	0	0	45	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.375	26.260	26.250
BAROGRAPH 64	26.410	26.375	26.250	26.245
BAR. CORR. 65	0	0	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	41	0	0	0	41	5	1446					6	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: 0800 ON TIME / AT 2334 - 1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 29

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

TYPE	TIME LST	SKY AND CEILING	VISIBILITY SURFACE	VISIBILITY TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP.	DEW PT.	WIND DIRECTION	WIND SPEED	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OBS. INITIALS
SA	0051	60 SCT 200 - SCT	20			014	40	25	19	15G26		961	803 1101	JC
SA	0144	200 - SCT	20			019	39	23	20	15G23		962		JC
SA	0243	200 - SCT	20			019	40	24	19	10		962		JC
SA	0346	200 - SCT	20			019	39	19	23	10		962	103 1001 39	PK
/													RADAT 53053	/
SA	0450	CLR	20			028	39	17	20	14		964		PK
SA	0545	CLR	20			037	39	17	22	11		966		PK
SA	0645	CLR	20			051	40	17	20	14		970	324 1101	PK
SA	0745	220 - SCT	20			055	43	17	21	16		971		PK
SA	0845	E220 BKN	20			065	43	15	22	10		974		PK
SA	0945	E220 BKN	20			072	46	16	20	19G26		976	219 1106 38	PK
SA	1045	220 - BKN	20			071	48	16	19	19G28		976		PK
SA	1148	60 SCT 220 SCT	20			072	49	13	19	20G35		976		PK
SA	1245	60 SCT	20			063	50	11	19	16G31		973	808 1100	PK
SA	1349	60 SCT 220 - BKN	20			058	53	12	21	21G30		972		PK
SA	1451	60 SCT 220 - BKN	20			050	52	19	20	21G36		970	PK WND 1938/33	PK
SA	1549	60 SCT E200 BKN	20			044	49	22	18	21G38		968	PK WND 1838/45/817	JC
/													1408 54 RADAT	/
/													43062	/
SA	1647	60 SCT E200 OVC	20			044	48	28	17	19G30		968		JC
SA	1749	E60 BKN 200 OVC	20			043	45	24	20	24G37		967	PK WND 1838/12	JC
SA	1848	60 SCT E200 OVC	20			041	46	32	22	21G34		967	PK WND 1939/31	JC
/													703 1408	/
SA	1947	E60 BKN 200 OVC	20			048	44	28	20	30G41		969	PK WND 2044/12	JC
SA	2050	60 SCT 200 - BKN	20			064	43	28	22	20G32		973	PK WND 2038/07	JC
SA	2149	60 SCT	20			062	43	31	20	21G36		973	PK WND 2036/40/20	JC
/													1400 54	/
SA	2248	60 SCT	20			062	42	28	22	20G30		973	PK WND 2137/03	JC
SA	2347	60 SCT	20			070	42	29	22	25G33		976	PK WND 2236/34	JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO: 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1992 MAR 29

To convert LST to GMT ADD 8 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	26.240	40.1	34.0	54	3	1	Cu	60	2	Ci	200	3								1	8	.010			00-01
01 44	26.250	39.0	32.8	52	2															1					01-02
02 43	26.250	40.0	32.6	52	3															0	1				02-03
03 46	26.250	39.2	31.6	43	3	3	Ci	200												1	1	.010			03-04
04 50	26.265	38.8	31.1	41	0															0					04-05
05 45	26.285	38.7	31.0	41	0															0					05-06
06 45	26.320	39.8	31.6	39	0	0	Cu	60	0	Ci	220	0								0	3	.070			06-07
07 45	26.330	42.5	33.3	36	5															2					07-08
08 45	26.355	43.0	33.0	32	8															6					08-09
09 45	26.375	46.3	35.1	29	9	0	Cu	60	9	Cs	E220	9								7	2	.055			09-10
10 45	26.375	47.7	35.9	28	8															4					10-11
11 48	26.375	49.2	36.1	23	2															2					11-12
12 45	26.350	50.2	36.3	20	1	1	Cu	60												1	8	.025			12-13
13 49	26.340	52.7	37.9	20	7															1					13-14
14 51	26.320	52.0	37.8	22	8															3					14-15
15 49	26.300	49.2	38.1	34	9	5	Sc	60	4	Cs	E200	9								9	8	.050			15-16
16 47	26.300	47.7	39.2	46	10															10					16-17
17 49	26.290	45.3	36.7	43	10															10					17-18
18 48	26.290	46.2	39.8	58	10	5	Sc	60	5	Cs	E200	10								10	7	.010			18-19
19 47	26.310	43.7	37.2	55	10															8					19-20
20 50	26.350	42.7	36.4	55	8															3					20-21
21 49	26.350	42.5	37.5	64	5	5	Sc	60												3	1	.060			21-22
22 48	26.350	41.7	35.9	55	2															2					22-23
23 47	26.370	41.5	36.0	60	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	42	39	X	X						X		
	0343	1	0	0	0	45	39		0								
	0942	2	0	0	0	46	38		0								
	1547	3	0	0	0	54	46		0								
	2145	4	0	0	0	50	42		0								
	MID.	X	0	0	0	43	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.250	26.375	26.300	26.350
BAROGRAPH 64	26.240	26.375	26.290	26.340
BAR. CORR. 65	+010	0 *	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	38	0	0	0	44	5	1912					6	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 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: 0800 ON TIME / AT 2251 - 1 SEC

* BAROGRAM CHANGED & RESET TO ZERO

MF1-10B

☆ U.S.GPO:1977-G-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1992 MAR 3 0

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	CLR	20			081	41	23	22	16	G24	979	317 1400	JC
SA	0147	CLR	20			086	41	25	24	15	G24	981		JC
SA	0246	CLR	20			084	40	24	22	18	G27	980		JC
SA	0347	CLR	20			098	41	16	21	17	G21	983	214 40 RADAT 51055	RK
SA	0455	CLR	20			105	39	17	24	10		986		RK
SA	0550	CLR	20			120	39	16	23	04		989		RK
SA	0645	CLR 300 -SCT	20			131	41	19	26	05		993	229 1001	RK
SA	0745	300 -SCT	20			142	44	14	24	09		996		RK
SA	0845	300 -SCT	20			152	48	16	27	13		999		RK
SA	0945	300 -SCT	20			154	50	15	27	14		000	124 1001 37	RK
SA	1045	300 -SCT	20			155	51	14	24	15	G21	001		RK
SA	1147	300 -SCT	20			153	53	15	23	14	G22	000		RK
SA	1245	300 -SCT	20			144	56	19	24	16	G24	998	807 1001	RK
SA	1345	300 -SCT	20			135	57	17	23	18	G25	996		RK
SA	1450	300 -SCT	20			130	57	17	24	20	G26	994		RK
SA	1549	300 -SCT	20			127	56	24	20	19	G26	993	615 1101 59	JC
/													RADAT 48075	/
SA	1648	300 -SCT	20			128	54	21	21	21	G30	993		JC
SA	1744	300 -SCT	20			138	52	23	21	10	G20	996		JC
SA	1845	CLR	20			138	51	25	22	12	G21	996	307 1001	JC
SA	1947	CLR	20			135	51	27	20	09	G20	996		JC
SA	2043	CLR	20			139	48	24	21	09		997		JC
SA	2149	300 -SCT	20			138	47	29	25	10		997	203 1001 59	JC
SA	2250	300 -SCT	20			136	48	30	20	15		997		JC
SA	2347	300 SCT	20			135	48	28	22	12		997		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V, IIiii, MMM VVwwW PPPTT 4hChhCuCu TgTgnnn 5FoPoPoPo 7RRRrs 8NsCh hs 9SpSpspsp 2R24R24R24R24 3PwPwMwMw dwdwPwHwHw 4T1T1T1T1

U.S. G.P.O. 1980-0-565-115 1:38

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 30

To convert LST to GMT ADD 8 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 46	26.400	40.9	33.8	48	0	0	Sc	60												0	3	.050			00-01
01 47	26.420	41.4	34.9	52	0															0					01-02
02 46	26.410	40.0	33.8	53	0															0					02-03
03 47	26.440	40.8	31.8	36	0															0	2	.040			03-04
04 55	26.460	39.3	31.4	41	0															0					04-05
05 50	26.495	39.2	31.0	39	0															0					05-06
06 45	26.525	41.1	32.8	40	3	3	Ci	300												0	2	.085			06-07
07 45	26.555	43.9	33.3	29	3															0					07-08
08 45	26.585	48.0	36.0	27	3															0					08-09
09 45	26.595	50.1	37.0	24	3	3	Ci	300												0	1	.070			09-10
10 45	26.600	51.3	37.4	22	2															0					10-11
11 47	26.595	53.0	38.6	22	5															1					11-12
12 45	26.575	55.7	40.7	23	3	3	Ci	300												1	8	.020			12-13
13 45	26.555	57.3	41.2	21	3															1					13-14
14 50	26.540	57.5	41.3	20	5															1					14-15
15 49	26.530	56.0	42.2	29	4	0	Cu	60	4	Ci	300	4								1	6	.045			15-16
16 48	26.530	53.7	40.2	27	4															0					16-17
17 44	26.550	52.0	39.8	31	5															0					17-18
18 45	26.550	50.7	39.9	37	0	0	Ci	300												0	3	.020			18-19
19 47	26.550	50.6	40.4	40	0															0					19-20
20 43	26.560	47.7	37.9	39	0															0					20-21
21 49	26.560	47.3	39.2	49	3	3	Ci	300												0	2	.010			21-22
22 50	26.560	47.7	39.6	49	2															0					22-23
23 47	26.560	47.5	39.0	46	1															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	42	40	X	X						X		
	0344	1	0	0	0	43	40		0								
	0941	2	0	0	0	50	37		0								
	1545	3	0	0	0	59	49		0								
	2145	4	0	0	0	57	47		0								
	MID.	X	0	0	0	48	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.595	26.530	26.560
BAROGRAPH 64	26.440	26.585	26.530	26.552
BAR. CORR. 65	0	+.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
59	37	0	0	0	30	SW	1638					4	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0900 on Time / AT 2327 -1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 31

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY MI. SURFACE (4)	VISIBILITY MI. LOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. MBS. (6)	TEMP °F (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED KNOTS (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	CLR	20			132	47	29	21	10		996	803 1001	JC
SA	0147	250 SCT	20			125	49	28	20	13	G22	994		JC
SA	0244	250 SCT	20			126	48	30	21	15	G32	994		JC
SA	0350	250 - SCT	20			132	46	27	20	07		995	500 1001 46 RADAT 64066	[illegible]
SA	0456	CLR	20			135	42	28	15	04		995		[illegible]
SA	0545	250 - SCT	20			133	41	28	16	09		994		[illegible]
SA	0647	250 - SCT	20			145	48	27	08	03		998	310 1001	[illegible]
SA	0747	250 - SCT	20			142	53	22	20	21	G30	998		[illegible]
SA	0850	250 - SCT	20			142	56	22	21	22	G32	998		[illegible]
SA	0948	250 - SCT	20			141	58	22	18	27	G41	998	PK WND 1848/33	[illegible]
—	—												400 1001 41	—
SA	1049	250 - SCT	20			136	59	22	18	24	G34	997	PK WND 1846/17	[illegible]
SA	1148	250 SCT	20			121	61	23	20	23	G37	993	PK WND 1939/35	[illegible]
SA	1247	250 SCT	20			108	63	22	20	28	G43	990	PK WND 2043/47 / 827	[illegible]
—	—												1176	—
SA	1351	E250 BKN	20			111	63	22	18	26	G36	991	PK WND 2042/06	[illegible]
SA	1450	E250 BKN	20			099	63	22	18	21	G32	987		[illegible]
SA	1545	150 SCT E230 OVC	20			090	62	21	19	27	G42	984	PK WND 1942/42	[illegible]
—	—												817 1078 64 RADAT 39087	✓
SA	1647	120 SCT E200 OVC	20			101	60	29	19	28	G34	987	PK WND 1840/18	JC
SA	1745	120 SCT 200 - OVC	20			102	58	26	20	19	G30	987		JC
SA	1843	150 SCT 200 - OVC	20			095	58	27	20	20	G27	986	003 1071	JC
SA	1944	150 SCT 200 - OVC	20			092	57	31	19	15	G25	986		JC
SA	2043	150 SCT E200 OVC	20			088	55	33	20	15	G23	984		JC
SA	2149	150 SCT 200 - OVC	20			088	54	33	21	16	G24	984	703 1071 64	JC
SA	2248	E150 BKN 200 OVC	20			080	53	34	21	20	G26	982		JC
SA	2349	E120 BKN 200 OVC	20			073	51	31	20	16	G23	980		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAR 31

To convert LST to GMT ADD 8 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 46	26.550	46.5	38.8	50	0	0	Ci	300												0	8	.010			00-01
01 47	26.540	48.8	39.8	45	1															1					01-02
02 44	26.540	42.7	39.8	50	1															1					02-03
03 50	26.550	46.3	38.1	47	2	2	Ci	250												0	5	.000			03-04
04 56	26.550	42.2	36.2	57	0															0					04-05
05 45	26.540	41.1	35.7	60	3															0					05-06
06 47	26.580	47.8	38.8	44	3	3	Ci	250												0	3	.030			06-07
07 47	26.580	53.3	40.3	29	3															0					07-08
08 50	26.580	56.0	41.7	27	3															0					08-09
09 48	26.580	57.8	42.5	25	3	3	Ci	250												0	4	.000			09-10
10 49	26.570	58.8	43.0	24	2															0					10-11
11 48	26.530	60.6	44.0	23	2															2					11-12
12 47	26.500	63.0	45.0	21	4	0	Cu	70	0	Ac	120	0	4	Ci	250	4				4	8	.080			12-13
13 51	26.510	62.9	45.0	21	6															6					13-14
14 50	26.480	63.3	45.2	21	9															7					14-15
15 45	26.450	61.6	44.0	20	10	4	Ac	150	8	Cs	2330	10								8	8	.050			15-16
16 47	26.470	59.6	45.2	30	10															9					16-17
17 45	26.470	58.4	44.0	29	10															3					17-18
18 43	26.460	57.8	43.8	30	10	2	Ac	150	10	Ci	200	10								3	0	.010			18-19
19 44	26.460	57.4	45.0	37	10															4					19-20
20 43	26.450	55.0	44.3	42	10															7					20-21
21 49	26.450	53.5	43.6	45	10	3	Ac	150	10	Ci	200	10								4	7	.010			21-22
22 48	26.430	53.0	43.8	48	10															7					22-23
23 49	26.410	51.2	41.8	45	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		49	46										
	0346	1	0	0	0	49	46		0								
	0944	2	0	0	0	58	41		0								
	1541	3	0	0	0	64	58		0								
	2142	4	0	0	0	62	53		0								
	MID.		0	0	0	55	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1545	2142
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.580	26.450	26.450
BAROGRAPH 64	26.540	26.560	26.455	26.445
BAR. CORR. 65	+.010	+.020	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
64	41	0	0	0	48	S	0933					5	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 - 2 SEC 0856 / 2330 - 1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131