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: January YEAR: 1981

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 (Knots)	PEAK SPEED SPEED (Knots)	DIRECTION	SUNSHINE TOTAL (Min.)	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	71	40	56		9					3.1	11	E	26.7	23	1		41	25	17	37
2	67	35	51		14					3.5	10	SW	26.7	30	1		50	36	23	48
3	61	37	49		16					4.3	15	E	26.7	43	10		52	38	33	57
4	62	40	51		14					11.1	21	NE	26.7	38	1		80	60	35	53
5	62	41	52		13					12.1	18	NE	26.7	36	0		59	45	22	29
6	60	38	49		16					10.7	21	SE	26.7	63	0		41	30	22	36
7	61	33	47		18					3.8	10	SE	26.6	48	4		46	33	16	35
8	63	28	46		19					3.1	9	W	26.6	74	2		39	25	15	35
9	63	32	48		17					5.6	15	SE	26.7	49	0		39	18	15	27
10	63	38	51		14					9.3	17	SE	26.7	61	2		27	18	17	31
11	56	44	50		15		T			8.7	17	NE	26.7	99	10	R	26	25	23	55
12	57	45	51		14		T			6.4	13	E	26.7	60	10	R, RW	51	52	43	57
13	63	40	52		13					3.5	13	SW	26.7	29	0		68	63	33	52
14	65	34	50		15					3.7	14	SW	26.7	10	0		65	43	27	50
15	61	32	47		18					2.7	12	SW	26.6	23	9		65	41	37	54
16	60	37	49		16					4.6	15	SE	26.6	14	10		65	45	43	54
17	61	40	51		14					3.5	10	E	26.7	45	10		68	49	44	64
18	65	37	51		14					4.2	13	SW	26.8	08	4		62	47	36	45
19	65	38	52		13					4.8	11	SW	26.7	15	6		59	44	33	49
20	70	36	53		12					4.4	17	E	26.7	13	2		64	34	25	43
21	66	39	53		12					6.2	17	E	26.7	95	9		42	23	20	40
22	63	36	50		15					6.5	17	SE	26.7	60	9		48	27	25	44
23	62	44	53		12					12.9	36	S	26.6	40	5		38	25	35	39
24	55	29	42		23					6.1	15	SW	26.6	44	0		55	42	37	40
25	54	30	42		23					6.9	17	NE	26.6	06	0		50	42	25	33
26	53	25	39		26					3.2	9	SW	26.6	16	7		46	38	28	38
27	53	33	43		22					5.5	19	SW	26.5	29	10		43	36	34	47
28	52	35	44		21		.12			10.5	28	SW	26.4	71	9	R, RW	42	66	56	70
29	49	34	42		23		.18			14.0	44	S	26.5	01	9	R, RW	75	50	55	60
30	47	31	39		26					8.4	35	SW	26.6	33	5		66	62	63	67
31	47	26	37		28					6.7	19	N	26.7	71	0		68	46	32	53
SUM	1857	1107	—	—	525	0	.30	0	—	200.0	—	—	827.4	47	145	—	1640	1228	969	1442
AVG	59.9	35.7	—	—	—	—	—	—	—	6.5	FASTEST	DIRECTION	POSSIBLE	%	4.7	—	52.9	39.6	31.3	46.5
										MISC. →	44	S	26.6	92		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 47.8
DEPARTURE FROM NORMAL —
HIGHEST 71 ON 1
LOWEST 26 ON 31

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 8
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 525
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 1444
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 .30 IN.
DEPARTURE FROM NORMAL — IN.
GREATEST Daily .18 ON 29

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST Daily 0 ON —
GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 14
PARTLY CLOUDY (Scale 4–7) 6
CLOUDY (Scale 8–10) 11
WITH 0.01 INCH OR MORE PRECIP. 2
WITH 0.10 INCH OR MORE PRECIP. 2
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

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~~ 26.850 IN. ON 18
LOWEST ~~SEA LEVEL~~ 26.430 IN. ON 28

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. 1978-765-09

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK

DATE: 1981 JAN 1

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	0044	E250 OVC	20			186	47	17	01	01		013	803 1002	008
SA	0150	E250 OVC	20			186	47	17	24	01		013		008
SA	0248	E250 BKN	20			186	46	19	23	01		013		008
SA	0356	E100 BKN 230 OVC	20			187	46	24	28	04		013	400 1058 ~~444~~ 44 RADAT 47107	[illegible]
SA	0448	E100 BKN 230 OVC	20			196	44	17	20	02		014		[illegible]
SA	0549	100 SCT 230 SCT	20			204	44	18	00	00		015		[illegible]
SA	0650	100 SCT 230 SCT	20			212	40	18	03	03		016	210 1048	[illegible]
SA	0748	100 SCT	20			214	43	16	00	00		017		[illegible]
SA	0852	100 SCT	20			214	51	25	00	00		018		[illegible]
SA	0947	100 SCT	20			215	56	20	00	00		019	310 1080 40	[illegible]
SA	1045	100 SCT	20			204	63	21	00	00		017		[illegible]
SA	1147	CLR	20			189	65	20	10	03		014	FEW AC	[illegible]
SA	1251	CLR	20			179	67	20	20	03		011	727 1080	[illegible]
SA	1353	CLR	20			174	68	21	27	04		010		[illegible]
SA	1451	CLR	20			167	68	21	22	06		007		[illegible]
SA	1547	CLR	20			173	65	20	13	07		008	507 1080 71 RADAT 20111	008
SA	1646	CLR	20			176	60	19	11	10		008		008
SA	1748	CLR	20			182	55	23	09	05		010		008
SA	1843	CLR	20			192	56	27	10	10		012	310 1080	008
SA	1945	CLR	20			197	50	24	06	06		013		008
SA	2048	CLR	20			203	46	19	08	01		015		008
SA	2148	CLR	20			206	43	19	09	02		016	214 1080 71	008
SA	2249	CLR	20			203	42	18	06	02		016		008
SA	2347	150 SCT 250 SCT	20			198	41	20	07	03		015		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 $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh$ 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:1978-665-010/1100 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 1

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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 44	26.710	46.9	35.7	30	10	10	ci	E250												10	8	.010			00-01
01 50	26.710	46.6	35.6	31	10															10					01-02
02 48	26.710	46.0	35.7	34	7															7					02-03
03 56	26.710	45.8	36.8	41	10	6	Ac	E100	4	cs	230	10								10	4	.000			03-04
04 48	26.720	44.3	34.2	33	10															10					04-05
05 49	26.730	43.9	34.3	35	4															4					05-06
06 50	26.740	40.3	32.3	41	5	2	Ac	100	3	cs	230	5								4	2	.030			06-07
07 48	26.745	42.8	33.1	33	2															2					07-08
08 52	26.760	51.2	39.9	35	2															2					08-09
09 47	26.770	56.1	41.3	95	1	1	Ac	100												1	3	.030			09-10
10 45	26.750	63.0	44.8	20	1															1					10-11
11 47	26.720	65.1	45.5	17	0															0					11-12
12 51	26.690	66.8	46.3	17	0	0	Ac	120												0	7	.080			12-13
13 53	26.680	68.0	47.0	16	0															0					13-14
14 51	26.660	67.8	47.0	17	0															0					14-15
15 47	26.670	65.4	45.6	17	0	0	Ac	150												0	5	.020			15-16
16 46	26.670	60.4	43.1	20	0															0					16-17
17 48	26.680	55.2	41.6	29	0															0					17-18
18 43	26.700	55.6	42.7	33	0	0	Ac	150												0	3	.030			18-19
19 45	26.710	50.0	39.0	35	0															0					19-20
20 48	26.730	45.9	35.7	34	0															0					20-21
21 48	26.740	43.2	34.0	37	0	0	Ac	150												0	2	.040			21-22
22 49	26.740	41.6	33.1	39	0															0					22-23
23 47	26.730	40.6	33.0	44	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	50	45	X	X						X		
	0350	1	0	0	0	50	45		0								
	0943	2	0	0	0	56	40		0								
	1542	3	0	0	0	71	56		0								
	2142	4	0	0	0	66	43		0								
	MID.	X	0	0	0	44	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0947	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.770	26.670	26.740
BAROGRAPH 64	26.700	26.757	26.695	26.740
BAR. CORR. 65	+.010	+.020	-.025	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	40	0	0	0	11	E	1831					1	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 CORRECT 0722 / 1635P - ON TIME

*BAROGRAPH CHART CHANGED RESET TO I.O AT 0955

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: 1981 JAN 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 (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	150SCT 250 SCT	20			192	42	21	32	01		014	807 1058	008
SA	0146	150 SCT 250 SCT	20			198	38	20	36	02		015		008
SA	0245	150 SCT 250 SCT	20			199	37	18	02	02		015		008
SA	0353	250-SCT	20			200	37	20	11	04		015	103 1008 37 RADAT 44108	44
SA	0446	250-SCT	20			204	36	17	13	04		015		44
SA	0532	CLR	20			207	36	20	13	03		015		44
SA	0648	CLR	20			211	35	15	30	03		016	303	44
SA	0746	CLR	20			216	39	21	00	00		017		44
SA	0845	CLR	20			222	45	23	00	00		019		44
SA	0948	CLR	20			223	53	27	00	00		021	214 1001 35	44
SA	1050	CLR	20			211	61	26	27	03		018		44
SA	1151	CLR	20			198	64	22	20	06		015		44
SA	1250	CLR	20			190	64	22	23	07		013	724 1001	44
SA	1346	CLR	20			188	65	23	23	09		012		44
SA	1450	300 - SCT	20			181	65	23	23	09		010		44
SA	1545	300 - SCT	20			183	64	25	23	07		010	610 1001 67 RADAT 57103	008
SA	1648	300 - SCT	20			188	58	27	23	04		011		008
SA	1743	300 SCT	20			194	50	24	06	02		011		008
SA	1847	300 SCT	20			204	46	22	02	05		013	210 1001	008
SA	1946	300 SCT	20			204	45	24	09	01		013		008
SA	2044	300 SCT	20			205	42	21	12	01		014		008
SA	2143	300 SCT	20			204	42	24	06	01		015	307 1001 67	008
SA	2245	300 SCT	20			200	41	22	10	07		015		008
SA	2346	300 SCT	20			197	44	25	31	02		015		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_dopp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Revised No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], DESERT ROCK, NV

DATE: 1981 JAN 2

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.720	42.3	34.1	42	3	1	AC	NO	2	CS	250	3								3	8	.020			00-01
01 46	26.730	38.0	31.2	47	3															3					01-02
02 45	26.730	36.7	30.0	46	3															3					02-03
03 53	26.730	36.7	30.5	50	2	2	CS	250												1	1	.010			03-04
04 46	26.730	35.9	29.5	47	2															1					04-05
05 50	26.730	35.8	30.0	51	0															0					05-06
06 48	26.740	35.0	28.5	44	0															0	3	.010			06-07
07 46	26.750	38.8	32.0	48	0															0					07-08
08 45	26.770	45.2	36.3	41	0															0					08-09
09 48	26.780	52.7	41.3	36	0	0	CI	300												0	2	.040			09-10
10 50	26.760	61.3	45.3	26	0															0					10-11
11 51	26.730	64.3	45.7	20	0															0					11-12
12 50	26.710	64.4	45.7	20	0	0	CI	300												0	7	.070			12-13
13 46	26.700	65.2	46.2	20	0															0					13-14
14 50	26.680	65.0	46.2	20	3															0					14-15
15 45	26.680	63.5	46.0	23	3	3	CI	300												1	6	.030			15-16
16 48	26.690	58.0	44.0	31	3															1					16-17
17 43	26.690	49.8	39.0	36	3															3					17-18
18 47	26.710	45.9	36.3	38	3	3	CI	300												3	2	.030			18-19
19 46	26.710	44.8	36.4	44	3															3					19-20
20 44	26.720	42.4	34.3	43	3															3					20-21
21 43	26.730	41.8	34.6	48	3	3	CI	300												3	3	.020			21-22
22 45	26.730	40.5	33.4	47	3															3					22-23
23 46	26.730	43.5	36.0	48	5															5					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 0348		0	0		42	37										
	0348	1	0	0	0	44	37		0								
	0944	2	0	0	0	53	35		0								
	1540	3	0	0	0	67	53		0								
	2138	4	0	0	0	64	41		0								
	MID.		0	0	0	44	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0948	1544	2142
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.780	26.680	26.730
BAROGRAPH 64	26.730	26.775	26.700	26.735
BAR. CORR. 65	0	+.005	-.020	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	35	0	0	0	10	SW	1348					1	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: CK 0557 / 1815P - ON TIME

MF1-10B

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: 1981 JAN 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 (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INTERVALS (14)
SA	0048	300 - SCT	20			200	40	24	02	04		015	400 1001	008
SA	0146	300 - SCT	20			200	39	22	05	02		015		008
SA	0247	300 - SCT	20			199	40	22	36	04		015		008
SA	0352	180 SCT 250 SCT	20			201	38	22	00	00		015	400 1071 38 RADAT 48106	44
SA	0449	180 SCT E250 BKN	20			205	37	22	00	00		015		44
SA	0547	180 SCT E250 BKN	20			212	38	22	00	00		016		44
SA	0647	E120 BKN 180 OVC	20			216	41	24	32	04		017	307 1040	44
SA	0749	E120 BKN 180 OVC	20			224	43	23	34	03		019	VIRGA NE	44
SA	0848	120 SCT E180 BKN 250 OVC	20			231	47	26	05	04		022	SC SE ACSL SE	44
SA	0950	E120 BKN 250 OVC	20			227	53	29	12	07		022	114 1448 37	44
SA	1047	120 SCT E230 OVC	20			224	55	25	11	06		021	SC SE ACSL SE	44
SA	1148	E120 BKN 180 OVC	20			213	56	24	08	03		018	SC SE	44
SA	1249	120 SCT E180 BKN 230 OVC	20			197	59	26	13	03		014	824 1478	44
SA	1345	E80 BKN 120 OVC	20			195	59	25	14	09		013		44
SA	1450	E80 BKN 120 OVC	20			190	60	25	14	07		012		44
SA	1548	E60 BKN 120 OVC	20			200	58	29	19	06		014	500 1471 61 RADAT 85096	008
SA	1646	E60 BKN 120 OVC	20			205	57	34	14	03		014		008
SA	1748	E60 BKN 120 OVC	20			201	56	27	11	04		014		008
SA	1847	E60 BKN 120 OVC	20			200	53	37	09	02		014	400 1471	008
SA	1945	E60 BKN 120 OVC	20			207	54	33	06	02		016		008
SA	2046	E50 BKN 100 OVC	20			201	52	38	10	08		015		008
SA	2147	E60 BKN 120 BKN	20			200	51	36	08	06		015	803 1470 61	008
SA	2244	E60 BKN 120 BKN	20			202	50	36	09	10		016		008
SA	2346	60 SCT 150 SCT	20			201	42	34	08	06		015		008

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

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WIGMO, DESERT [illegible]

DATE: 1981 JAN 3

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.730	39.9	33.7	53	5	5	ci	300												2	4	.000			00-01
01 46	26.730	38.9	32.6	51	5															2					01-02
02 47	26.730	40.4	33.2	47	3															1					02-03
03 52	26.730	38.0	31.8	52	5	2	Ac	180	3	ci	250	5								3	4	.000			03-04
04 49	26.730	37.0	31.3	54	7															6					04-05
05 47	26.740	37.9	31.9	53	7															5					05-06
06 47	26.750	41.3	34.3	49	10	7	Ac	E120	3	Ac	180	10								9	3	.020			06-07
07 49	26.770	43.3	35.3	45	10															10					07-08
08 48	26.790	47.3	38.2	43	10															9					08-09
09 50	26.790	53.1	42.0	38	10	0	Sc	80	7	Ac	E120	7	3	cs	250	10				9	1	.040			09-10
10 47	26.780	55.0	42.0	31	10															9					10-11
11 48	26.760	56.1	42.3	29	10															10					11-12
12 49	26.720	59.1	44.1	27	10	0	Sc	80	3	Ac	120	3	3	Ac	E180	6	4	cs	230	8	8	.070			12-13
13 45	26.710	59.3	44.0	27	10															10					13-14
14 50	26.700	59.5	44.0	26	10															10					14-15
15 48	26.720	58.0	44.6	33	10	7	Sc	E60	3	Ac	120	10								10	5	.000			15-16
16 46	26.720	56.1	43.0	32	10															10					16-17
17 48	26.720	55.5	42.7	33	10															10					17-18
18 47	26.720	53.3	46.0	58	10	8	Sc	E60	2	Ac	120	10								10	4	.000			18-19
19 45	26.740	54.0	43.8	44	10															10					19-20
20 46	26.730	52.2	45.1	59	10															10					20-21
21 47	26.730	50.5	43.4	57	8	6	Sc	E60	2	Ac	120	8								8	0	.010			21-22
22 44	26.740	50.1	42.4	59	8															8					22-23
23 46	26.730	42.4	38.4	71	5															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 0348	X	0	0	X	44	38	X	X						X		
	0348	1	0	0	0	44	38		0								
	0946	2	0	0	0	53	37		0								
	1543	3	0	0	0	61	53		0								
	2142	4	0	0	0	58	50		0								
	MID.	X	0	0	0	51	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.790	26.720	26.730
BAROGRAPH 64	26.730	26.790	26.715	26.735
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
61	37	0	0	0	15	E	2154					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: CLOCK 1 SEC SLOW 0659 / 1130P - ON TIME

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: 1981 JAN 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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	60 SCT 150 SCT	20			193	41	34	33	04		013	807 1440	007
SA	0148	60 SCT 150 SCT	20			196	42	34	06	02		014		007
SA	0244	60 SCT 150 SCT	20			198	45	37	09	09		015		006
SA	0349	60 SCT 150 SCT	20			202	41	35	06	06		015	107 1450 40	SH
	—		—			—						—	RADAT 63097	—
SA	0449	150 SCT 250 - SCT	20			200	46	38	04	12		015		SH
SA	0547	250 - SCT	20			202	45	37	05	14		016	FEW AC	SH
SA	0648	250 - BKN	20			215	44	36	07	05		018	310 1078	SH
SA	0747	250 - SCT	20			217	45	37	04	09		019		SH
SA	0845	250 - SCT	20			221	47	37	04	15		021		SH
SA	0945	250 - SCT	20			225	50	37	04	16		023	212 1008 40	SH
SA	1046	250 - SCT	20			218	54	39	05	14		021		SH
SA	1146	CLR	20			210	55	39	06	11		017	FEW SC CI	SH
SA	1247	CLR	20			197	59	39	12	06		014	725 1100	SH
SA	1346	CLR	20			184	61	39	12	12		011	CU SE	SH
SA	1446	CLR	20			182	61	38	11	05		011		SH
SA	1545	CLR	20			184	62	34	04	10		011	610 1100 62 RADAT 51097	JK
SA	1652	CLR	20			189	57	34	05	10		012		JK
SA	1750	CLR	20			194	54	36	04	11		013		JK
SA	1845	CLR	20			197	52	36	03	14		013	107	JK
SA	1946	CLR	20			203	50	34	04	14		015		JK
SA	2048	CLR	20			203	49	34	04	14		015		JK
SA	2147	CLR	20			204	49	32	04	18		016	308 62	JK
SA	2245	CLR	20			202	48	33	03	18		016		JK
SA	2348	CLR	20			203	47	32	04	17		016		JK

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

FM11V: IIiii NdeH 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 1978-665-010/1100 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: USNO, DESERT ROCK, NV

DATE: 1991 JAN 4

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.710	41.3	38.0	75	5	2	SC	60	3	AC	150	5								5	8	.020			00-01
01 48	26.720	41.9	38.3	73	5															5					01-02
02 44	26.730	45.1	41.3	74	4															4					02-03
03 49	26.730	40.7	38.0	80	4	2	SC	60	2	AC	150	4								4	1	.020			03-04
04 49	26.725	45.6	41.7	73	5															1					04-05
05 47	26.735	45.3	41.2	72	5															0					05-06
06 48	26.760	44.0	40.2	73	8	0	AC	180	8	CS	250	8								3	3	.030			06-07
07 47	26.770	45.1	41.0	72	5															1					07-08
08 45	26.780	46.8	42.0	68	2															0					08-09
09 45	26.795	50.1	43.5	60	1	1	CS	250												0	2	.035			09-10
10 46	26.780	53.7	46.0	57	1															0					10-11
11 46	26.750	55.3	47.0	55	0															0					11-12
12 47	26.720	59.4	48.8	47	0	0	CU	60												0	7	.075			12-13
13 46	26.690	61.0	49.6	45	0															0					13-14
14 46	26.690	60.6	49.0	44	0															0					14-15
15 45	26.690	62.0	48.0	35	0	0	CU	60												0	6	.030			15-16
16 52	26.700	57.4	46.1	42	0															0					16-17
17 50	26.710	54.4	45.4	51	0															0					17-18
18 45	26.710	52.2	44.1	53	0															0	1	.020			18-19
19 46	26.725	50.0	42.2	53	0															0					19-20
20 48	26.725	49.1	41.9	56	0															0					20-21
21 47	26.735	48.8	41.2	53	0															0	3	.025			21-22
22 45	26.735	48.0	41.0	56	0															0					22-23
23 48	26.735	46.6	40.1	58	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	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	40	X	X						X		
	0344	1	0	0	0	51	40		0								
	0942	2	0	0	0	50	40		0								
	1543	3	0	0	0	62	50		0								
	2144	4	0	0	0	62	49		0								
	MID.	X	0	0	0	49	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.795	26.690	26.735
BAROGRAPH 64	26.730	26.795	26.690	26.735
BAR. CORR. 65	±.0	±.0	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	40	0	0	0	21	NE	0525					1	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: 0525 15sec slow 1745 15sec slow

MF1-10B

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: 1981 JAN 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			200	47	34	03	16		016	400	JK
SA	0149	CLR	20			200	46	33	03	15		016		JK
SA	0246	CLR	20			202	45	32	04	16		016		JK
SA	0346	CLR	20			201	46	32	03	12		016	102 43 RADAT 22102	SH
SA	0445	CLR	20			208	43	32	02	12		017		SH
SA	0545	CLR	20			212	44	30	05	08		018		SH
SA	0646	CLR	20			211	42	30	06	10		017	003	SH
SA	0748	CLR	20			212	43	30	05	13		017		SH
SA	0845	CLR	20			215	45	29	05	14		018		SH
SA	0946	CLR	20			215	49	28	04	12		018	103 41	SH
SA	1046	CLR	20			210	53	26	06	09		018		SH
SA	1145	CLR	20			195	57	21	07	10		014		SH
SA	1247	CLR	20			184	57	28	06	13		011	824	SH
SA	1345	CLR	20			180	59	28	05	06		010		SH
SA	1446	CLR	20			171	62	16	05	16		007		SH
SA	1548	CLR	20			177	60	21	10	15		008	507 62 RADAT 20091	JK
SA	1648	CLR	20			186	56	19	09	16		011		JK
SA	1750	CLR	20			192	50	16	07	06		013		JK
SA	1849	CLR	20			205	48	15	03	08		014	317	JK
SA	1945	CLR	20			212	46	14	01	11		016		JK
SA	2048	CLR	20			222	45	18	05	13		019		JK
SA	2150	CLR	20			222	48	17	07	12		020	319 62	JK
SA	2247	CLR	20			224	43	19	04	12		021		JK
SA	2346	CLR	20			220	45	18	04	15		021		JK

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

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $T_dT_dq_{dd}f$ $6P_oP_oP_oP_o$ 7RRR,s $8N_sCh$ h_s $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 5

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	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	26.735	42.4	40.9	58	0															0	4	.000			00-01
01 49	26.740	46.1	40.0	59	0															0					01-02
02 46	26.740	45.2	39.1	59	0															0					02-03
03 46	26.740	45.6	39.4	59	0															0	1	.005			03-04
04 45	26.745	43.0	38.0	64	0															0					04-05
05 45	26.755	44.0	38.0	58	0															0					05-06
06 46	26.750	41.6	36.6	63	0															0	0	.010			06-07
07 48	26.750	43.1	37.3	59	0															0					07-08
08 45	26.760	45.0	38.0	53	0															0					08-09
09 46	26.760	48.5	39.6	45	0															0	1	.010			09-10
10 46	26.755	53.2	41.3	35	0															0					10-11
11 45	26.720	57.2	42.0	24	0															0					11-12
12 47	26.690	56.8	42.6	28	0															0	8	.070			12-13
13 45	26.680	58.8	44.6	30	0															0					13-14
14 46	26.660	61.6	43.0	16	0															0					14-15
15 48	26.670	59.5	43.0	22	0															0	5	.020			15-16
16 48	26.690	56.0	41.0	23	0															0					16-17
17 50	26.710	50.1	37.3	26	0															0					17-18
18 49	26.720	47.8	35.8	27	0															0	3	.050			18-19
19 45	26.740	45.8	34.3	27	0															0					19-20
20 48	26.765	45.3	35.0	33	0															0					20-21
21 50	26.775	47.8	36.2	29	0															0	3	.055			21-22
22 47	26.780	43.1	34.0	38	0															0					22-23
23 46	26.780	45.2	35.1	34	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 0342	X	0	0	X	47	43	X	X						X		
	0342	1	0	0	0	49	43		0								
	0941	2	0	0	0	49	41		0								
	1544	3	0	0	0	62	49		0								
	2145	4	0	0	0	60	45		0								
	MID.	X	0	0	0	48	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.760	26.670	26.775
BAROGRAPH 64	26.740	26.760	26.670	26.770
BAR. CORR. 65	0	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
62	41	0	0	0	18	NE	1451					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: 0535 1 SEC SLOW 1800 1 SEC SLOW

MF1-10A
(10-78)

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

STATION WMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1981 JAN 6

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			220	44	21	05	13		021	102	JK
SA	0145	CLR	20			219	45	19	04	18		021		JK
SA	0250	CLR	20			224	43	18	04	15		023		JK
SA	0345	CLR	20			224	43	21	04	14		022	003 41	SH
	—		—			—						—	RADAT 41L086093099	—
SA	0450	CLR	20			227	41	22	07	09		023		SH
SA	0546	CLR	20			237	42	21	07	08		024		SH
SA	0646	CLR	20			244	38	20	05	10		025	310	SH
SA	0745	CLR	20			245	40	20	04	07		026		SH
SA	0847	CLR	20			246	46	19	03	08		026		SH
SA	0946	CLR	20			240	50	20	06	09		026	103 38	SH
SA	1045	CLR	20			235	53	21	12	15		024		SH
SA	1147	CLR	20			222	56	27	13	15		022		SH
SA	1249	CLR	20			210	57	23	13	14		018	725	SH
SA	1346	CLR	20			202	59	20	12	13		016		SH
SA	1448	CLR	20			192	60	20	11	16		013		JK
SA	1549	CLR	20			189	58	20	12	10		012	619 60 RADAT 23096	JK
SA	1647	CLR	20			193	53	17	12	10		012		JK
SA	1748	CLR	20			199	50	18	13	11		013		JK
SA	1850	CLR	20			204	50	17	12	10		014	307	JK
SA	1949	CLR	20			206	47	20	10	10		015		JK
SA	2048	CLR	20			207	45	14	12	08		015		JK
SA	2146	CLR	20			207	42	17	04	08		015	103 60	JK
SA	2245	CLR	20			204	41	15	13	03		015		JK
SA	2347	CLR	20			197	38	12	29	03		013		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: AFWO, DESERT ROCK, NV

DATE: 1981 JAN 6

To convert LST to GMT ADD 7 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.780	44.0	35.0	39	0															0	1	.005			00-01
01 45	26.780	45.0	35.0	35	0															0					01-02
02 50	26.795	43.2	33.9	36	0															0					02-03
03 45	26.790	42.6	34.2	41	0															0	0	.010			03-04
04 50	26.795	41.0	33.6	46	0															0					04-05
05 46	26.810	42.3	34.2	42	0															0					05-06
06 46	26.820	38.2	31.4	47	0															0	3	.030			06-07
07 45	26.825	40.0	32.5	44	0															0					07-08
08 47	26.830	45.9	35.7	34	0															0					08-09
09 46	26.830	50.1	38.1	30	0															0	1	.010			09-10
10 45	26.810	53.1	40.0	29	0															0					10-11
11 47	26.785	56.3	43.2	33	0															0					11-12
12 49	26.755	57.0	42.4	27	0															0	7	.075			12-13
13 46	26.740	59.0	42.6	22	0															0					13-14
14 48	26.710	59.8	43.1	21	0															0					14-15
15 49	26.700	58.1	42.1	22	0															0	6	.055			15-16
16 47	26.700	53.2	39.1	24	0															0					16-17
17 48	26.710	49.8	37.6	28	0															0					17-18
18 50	26.720	50.2	37.5	26	0															0	3	.020			18-19
19 49	26.725	46.5	36.0	35	0															0					19-20
20 48	26.730	45.2	34.1	28	0															0					20-21
21 46	26.730	42.0	33.0	36	0															0	1	.010			21-22
22 45	26.730	41.1	31.8	34	0															0					22-23
23 47	26.710	37.6	29.2	34	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	45	41	X	X						X		
	0341	1	0	0	0	48	41		0								
	0942	2	0	0	0	50	38		0								
	1543	3	0	0	0	60	50		0								
	2144	4	0	0	0	58	42		0								
	MID.	X	0	0	0	42	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0944	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.850	26.700	26.730
BAROGRAPH 64	26.785	26.850	26.710	26.740
BAR. CORR. 65	-.005	0	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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	38	0	0	0	21	SE	1237					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: 0520 1 SEC SLOW 1810 1 SEC SLOW

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: 1981 JAN 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 (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	CLR	20			194	36	11	34	03		012	810	JK
SA	0147	CLR	20			190	34	11	05	02		011		JK
SA	0245	CLR	20			188	39	13	06	09		011		JK
SA	0345	250 -SCT	20			187	34	15	00	00		010	707 1001 34 RADAT 24098	RK
SA	0445	250 -SCT	20			184	35	15	06	05		008		RK
SA	0545	250 -SCT	20			185	35	16	17	03		008		RK
SA	0647	250 -BKN	20			186	34	17	00	00		008	605 1006	RK
SA	0747	250 -SCT	20			191	36	16	32	08		009		RK
SA	0848	250 -SCT	20			198	41	17	12	04		012		RK
SA	0945	250 -SCT	20			195	50	22	12	04		012	112 1002 33	RK
SA	1046	CLR	20			183	54	21	15	05		009		RK
SA	1145	CLR	20			172	59	21	31	05		006		RK
SA	1250	250 -SCT	20			155	58	19	21	03		001	834 1002	RK
SA	1345	250 -BKN	20			144	59	18	09	03		998		RK
SA	1450	250 -BKN	20			146	61	14	21	05		999		RK
SA	1546	250 -OVC	20			158	58	12	26	07		001	500 1007 61 RADAT 23094	LEF
SA	1645	250 -OVC	20			151	53	15	23	05		999		LEF
SA	1750	E250 OVC	20			160	48	11	06	04		000		LEF
SA	1848	E250 OVC	20			160	47	13	11	03		000	502 1007	LEF
SA	1947	E250 OVC	20			163	47	15	07	04		001		LEF
SA	2045	250 -BKN	20			164	43	12	08	02		002		LEF
SA	2147	250 -SCT	20			162	40	12	09	02		002	205 1001 61	LEF
SA	2245	250 -SCT	20			163	38	6	08	03		003		LEF
SA	2350	250 -SCT	20			159	35	12	02	03		002		LEF

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

FM11V: IIiii NddH 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NV

DATE: 1981 JAN 7

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.700	35.9	28.0	35	0															0	8	.030			00-01
01 47	26.690	34.3	27.1	37	0															0					01-02
02 45	26.680	38.8	30.2	35	0															0					02-03
03 45	26.680	34.3	28.1	46	2	2	Ci	250												0	7	020			03-04
04 45	26.665	34.7	28.3	45	2															0					04-05
05 45	26.665	34.9	28.5	45	2															0					05-06
06 47	26.665	34.0	28.2	48	6	6	Ci	250												1	6	015			06-07
07 47	26.675	35.8	29.2	45	3															1					07-08
08 48	26.700	40.5	31.9	38	2															0					08-09
09 45	26.700	49.5	38.2	33	1	1	Ci	250												0	1	035			09-10
10 46	26.675	53.8	40.2	27	0															0					10-11
11 45	26.645	58.7	42.7	23	0															0					11-12
12 50	26.600	58.3	42.0	21	3	3	Ci	250												1	8	100			12-13
13 45	26.575	59.4	42.4	20	7															2					13-14
14 50	26.585	61.0	42.3	15	8															4					14-15
15 46	26.600	57.7	40.4	16	10	10	CS	250												5	5	000			15-16
16 45	26.580	52.5	38.3	22	10															5					16-17
17 50	26.595	48.4	35.3	22	10															7					17-18
18 48	26.595	47.0	35.0	25	10	10	CS	E250												9	5	005			18-19
19 47	26.600	47.4	35.5	27	10															9					19-20
20 45	26.605	43.4	32.7	28	6															3					20-21
21 47	26.610	39.7	30.9	35	4	4	Ci	250												1	2	015			21-22
22 45	26.615	38.4	28.7	26	3															1					22-23
23 50	26.610	35.4	28.0	38	2															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	40	34	X	X						X		
	0342	1	0	0	0	42	34		0								
	0942	2	0	0	0	50	33		0								
	1541	3	0	0	0	61	50		0								
	2142	4	0	0	0	58	40		0								
	MID.	X	0	0	0	40	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.700	26.600	26.610
BAROGRAPH 64	26.685	26.710	26.600	26.610
BAR. CORR. 65	-005	-010	±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
61	33	0	0	0	10	SE	1155					4	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: 0545 1SEC SLOW 1159 1SEC SLOW

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: 1981 JAN 8

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0049	250 - SCT	20			160	33	12	10	03		002	500 1001	LEF
SA	0146	CLR	20			160	34	14	09	04		003		LEF
SA	0248	CLR	20			165	32	11	04	04		003		LEF
SA	0348	CLR	20			161	33	11	10	04		002	000 32 RADAT 41L034085	RK
SA	0445	CLR	20			170	32	11	26	04		003		RK
SA	0546	CLR	20			176	30	13	31	03		004		RK
SA	0645	CLR	20			181	31	10	13	08		005	310	RK
SA	0745	CLR	20			185	33	12	00	00		007		RK
SA	0858	CLR	20			188	43	9	00	00		009		RK
SA	0945	CLR	20			193	49	15	17	03		011	217 1001 28	RK
SA	1045	CLR	20			193	54	15	22	04		011		RK
SA	1145	CLR	20			180	58	13	26	05		008		RK
SA	1245	250 - SCT	20			173	59	11	23	03		006	815 1001	RK
SA	1345	250 - SCT	20			169	62	8	00	00		005		RK
SA	1454	250 - BKN	20			170	61	10	21	02		005		RK
SA	1546	250 - BKN	20			179	60	12	24	07		008	305 1008 63 RADAT 20102	LEF
SA	1648	250 - BKN	20			187	53	16	24	02		008		LEF
SA	1745	250 - BKN	20			198	45	11	09	03		010		LEF
SA	1847	250 - BKN	20			205	43	13	06	05		012	212 1008	LEF
SA	1945	250 - BKN	20			207	43	15	09	02		013		LEF
SA	2047	250 - SCT	20			210	40	15	10	02		015		LEF
SA	2147	250 - SCT	20			211	38	12	32	03		016	214 1001 63	LEF
SA	2245	250 - SCT	20			213	35	11	08	02		016		LEF
SA	2345	250 - SCT	20			210	35	13	08	01		016		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_dopp $6P_oP_oP_oP_o$ $7RRR_rs$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WBAO DESERT ROCK NV

DATE: 1981 JAN 8

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	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	26.610	33.2	26.6	40	1	1	Ci	250												0	0	000			00-01
01 46	26.615	34.3	27.7	42	0															0					01-02
02 48	26.620	31.7	25.5	41	0															0					02-03
03 48	26.610	33.3	26.5	39	0															0	0	000			03-04
04 45	26.620	31.6	25.5	42	0															0					04-05
05 46	26.630	30.1	25.0	48	0															0					05-06
06 45	26.640	30.7	24.7	41	0															0	3	030			06-07
07 45	26.655	33.0	26.5	41	0															0					07-08
08 58	26.675	43.4	32.1	24	0															0					08-09
09 45	26.690	49.0	36.3	25	0	0	Ci	250												0	2	050			09-10
10 45	26.690	54.1	39.2	21	0															0					10-11
11 45	26.665	57.8	40.6	17	0															0					11-12
12 45	26.645	59.2	41.0	15	2	2	Ci	250												0	8	045			12-13
13 45	26.640	62.3	42.1	12	4															0					13-14
14 54	26.640	61.2	41.9	13	6															1					14-15
15 46	26.660	59.7	41.3	15	8	8	CS	250												2	3	015			15-16
16 48	26.665	52.6	38.5	23	9															2					16-17
17 45	26.680	45.4	33.7	24	9															2					17-18
18 47	26.695	42.8	32.5	29	8	8	CS	250												2	2	035			18-19
19 45	26.705	42.5	32.8	33	6															2					19-20
20 47	26.725	40.0	31.2	36	4															1					20-21
21 47	26.735	37.5	29.3	35	3	3	Ci	250												1	2	040			21-22
22 45	26.740	35.0	27.5	36	2															1					22-23
23 45	26.740	35.0	28.0	40	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	35	32	X	X						X		
	0345	1	0	0	0	40	32		0								
	0941	2	0	0	0	49	28		0								
	1541	3	0	0	0	63	49		0								
	2142	4	0	0	0	60	38		0								
	MID.	X	0	0	0	38	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.690	26.665	26.735
BAROGRAPH 64	26.615	26.690	26.660	26.735
BAR. CORR. 65	-.005	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	28	0	0	0	9	W	1219					2	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0610 1 Sec Slow 1132 1 SEC SLOW

MF1-10A (10-79)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 9

TO CONVERT LST TO GMT: ADD ____ 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			213	36	12	06	02		017	a W 205 1005	LEF
SA	0148	CLR	20			216	34	10	07	05		018		LEF
SA	0247	CLR	20			216	34	11	34	01		018		LEF
SA	0348	CLR	20			207	34	12	01	02		016	803 33 RAD4T 20096	RK
SA	0445	CLR	20			210	35	10	34	05		016		RK
SA	0546	CLR	20			216	36	11	09	06		016		RK
SA	0645	CLR	20			221	37	13	03	09		017	303 1001	RK
SA	0745	CLR	20			230	39	16	13	04		020		RK
SA	0845	CLR	20			234	45	14	11	03		022		RK
SA	0945	CLR	20			232	54	10	04	09		023	115 32	RK
SA	1045	CLR	20			225	56	10	03	03		020		RK
SA	1150	CLR	20			208	59	10	02	04		016		RK
SA	1246	CLR	20			195	61	12	13	08		013	829	RK
SA	1345	CLR	20			189	62	10	13	08		011		RK
SA	1450	CLR	20			189	62	10	13	10		011		RK
SA	1548	CLR	20			206	60	13	12	11		012	703 63 RAD4T 22122	LEF
SA	1648	CLR	20			195	56	14	11	11		012		LEF
SA	1745	CLR	20			207	50	14	13	12		014		LEF
SA	1847	CLR	20			212	44	12	09	04		015	308	LEF
SA	1948	250 - ScT	20			209	48	13	07	12		015		LEF
SA	2047	250 - ScT	20			213	45	12	02	04		016		LEF
SA	2147	250 - ScT	20			216	43	11	05	01		018	312 1001 63	LEF
SA	2245	250 - ScT	20			216	39	13	04	02		018		LEF
SA	2346	250 - ScT	20			210	39	12	03	03		017		LEF

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

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dppp $6P_0P_0P_0P_0$ $7RRR_{is}$ $3N_sCh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 9

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	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	26.750	36.0	28.3	36	0	0	Ci	250												0	2	015			00-01
01 48	26.760	33.9	26.7	37	0															0					01-02
02 47	26.760	34.0	27.0	38	0															0					02-03
03 48	26.740	34.1	27.2	39	0															0	8	010			03-04
04 45	26.735	34.8	27.3	36	0															0					04-05
05 46	26.740	35.7	28.0	36	0															0					05-06
06 45	26.750	36.9	29.5	37	0	0	Ci	250												0	3	010			06-07
07 45	26.775	38.8	30.8	39	0															0					07-08
08 45	26.790	44.8	33.8	28	0															0					08-09
09 45	26.795	53.5	37.9	18	0															0	1	045			09-10
10 45	26.775	56.3	39.6	16	0															0					10-11
11 50	26.740	59.3	41.0	14	0															0					11-12
12 46	26.710	61.0	42.0	13	0															0	8	085			12-13
13 45	26.690	61.9	42.6	13	0															0					13-14
14 50	26.690	61.7	42.0	13	0															0					14-15
15 48	26.700	60.3	41.8	15	0															0	7	010			15-16
16 48	26.700	56.3	40.0	19	0															0					16-17
17 45	26.720	50.0	36.7	23	0															0					17-18
18 47	26.725	43.5	32.7	27	0															0	3	025			18-19
19 48	26.725	47.7	35.4	25	2															0					19-20
20 47	26.740	45.1	33.7	26	2															0					20-21
21 47	26.760	42.9	32.2	27	3															0	3	035			21-22
22 45	26.760	38.7	30.0	34	3															0					22-23
23 46	26.750	39.4	30.3	32	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	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	33	X	X						X		
	0345	1	0	0	0	38	33		0								
	0941	2	0	0	0	54	32		0								
	1543	3	0	0	0	63	54		0								
	2142	*	0	0	0	60	42		0								
	MID.	X	0	0	0	43	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.795	26.700	26.760
BAROGRAPH 64	26.750	26.795	26.690	26.750
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
63	32	0	0	0	15	SE	1328					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0756 1 SEC SLOW 1110 1 SEC SLOW

* BAROGRAM CHANGED & RESET TO ZERO

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WRMO DESERT ROCK NV

DATE: 1981 JAN 10

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	250 -SCT	20			207	39	13	32	01		017	805 1005	LEF
SA	0147	250 -SCT	20			201	46	16	09	05		016		LEF
SA	0245	250 -SCT	20			202	44	17	06	12		016		LEF
SA	0345	250 -SCT	20			199	45	12	05	10		015	205 1001 38 RADAT 39099	RK
SA	0445	250 -SCT	20			201	44	14	03	14		015		RK
SA	0545	250 -SCT	20			211	41	15	05	09		016		RK
SA	0645	250 -SCT	20			218	41	15	05	09		017	307 1001	RK
SA	0746	250 -SCT	20			222	45	12	05	06		020		RK
SA	0850	CLR	20			228	51	15	36	07		022		RK
SA	0946	CLR	20			226	55	13	10	09		022	114 1001 38	RK
SA	1046	CLR	20			224	56	13	13	13		021		RK
SA	1152	CLR	20			210	60	16	12	12		017		RK
SA	1245	CLR	20			201	62	15	13	13		015	820 1005	RK
SA	1346	250- SCT	20			189	62	14	13	14		013		RK
SA	1450	250 -SCT	20			189	62	14	12	10		013		RK
SA	1547	250 -BKN	20			201	61	15	12	11		016	302 1008 63 RADAT 42105	LEF
SA	1647	250 -OVC	20			201	57	14	12	12		015		LEF
SA	1746	250 -OVC	20			210	51	16	12	11		017		LEF
SA	1847	250 -OVC	20			211	54	14	05	13		017	305 1007	LEF
SA	1948	250 -BKN	20			223	50	16	29	02		020		LEF
SA	2048	250 -BKN	20			223	48	22	24	01		020		LEF
SA	2145	250 -BKN	20			227	43	14	04	05		022	214 1008 63	LEF
SA	2247	250 -SCT	20			212	50	14	07	13		020		LEF
SA	2348	250 -SCT	20			215	47	12	05	10		020		LEF

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

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_0P_0P_0P_0$ $7RRR_rs$ $8N_sCh$ h_s $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 10

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMID. (%) 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 46	26.745	39.3	30.5	34	4	4	Ci	250												1	8	015			00-01
01 47	26.740	45.7	34.7	29	4															1					01-02
02 45	26.740	44.3	34.3	33	4															1					02-03
03 45	26.730	44.7	33.5	27	4	4	Ci	250												1	7	015			03-04
04 45	26.730	44.0	33.5	30	3															1					04-05
05 45	26.740	41.1	31.8	34	2															0					05-06
06 45	26.750	41.0	31.8	35	3	3	Ci	250												0	3	020			06-07
07 46	26.775	44.9	33.6	26	2															0					07-08
08 50	26.790	51.2	37.5	23	0															0					08-09
09 46	26.790	54.8	39.0	18	0	0	Ci	250												0	1	040			09-10
10 46	26.780	56.3	39.8	18	0															0					10-11
11 52	26.750	59.7	42.2	18	0															0					11-12
12 45	26.730	61.8	42.9	16	0	0	Ci	250												0	8	060			12-13
13 46	26.710	62.0	42.9	15	2															0					13-14
14 50	26.710	62.0	42.9	15	5															1					14-15
15 47	26.735	60.8	42.5	17	8	8	Ci	250												1	3	005			15-16
16 47	26.730	57.1	40.4	18	10															2					16-17
17 46	26.745	51.1	37.7	24	10															2					17-18
18 47	26.750	54.2	39.0	20	10	10	CS	250												2	3	015			18-19
19 48	26.770	50.4	37.4	25	8															1					19-20
20 48	26.775	48.0	37.5	35	7															1					20-21
21 45	26.790	42.5	32.6	31	6	6	CS	250												1	2	040			21-22
22 47	26.770	49.7	36.5	24	5															1					22-23
23 48	26.770	47.4	35.0	24	5															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	46	38	X	X						X		
	0341	1	0	0	0	46	38		0								
	0942	2	0	0	0	55	40		0								
	1542	3	0	0	0	63	55		0								
	2140	4	0	0	0	61	43		0								
	MID.	X	0	0	0	51	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.790	26.735	26.790
BAROGRAPH 64	26.730	26.790	26.725	26.770
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 UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	38	0	0	0	17	SE	1400					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: 0700 1 SEC SLOW 1158 1 SEC SLOW

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WBAMO, DESERT ROCK, NV

DATE: 1981 JAN 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. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0047	250 -SCT	20			209	47	16	06	11		018	710 1005	LEF
SA	0148	250 -SCT	20			210	47	18	05	11		019	—	LEF
SA	0250	250 -BKN	20			218	44	17	07	10		021		LEF
SA	0346	250 -BKN	20			216	48	16	06	10		021	107 1008 42 RADAT 49696	RD
SA	0449	250 -BKN	20			216	46	15	10	07		020		RD
SA	0548	250 -OVC	20			221	48	15	06	07		021		RD
SA	0650	E 250 OVC	20			229	44	14	07	06		023	307 1007	RD
SA	0752	160 -SCT E250 OVC	20			234	46	16	03	09		024		RD
SA	0848	160 -SCT E250 OVC	20			236	50	15	03	09		025		RD
SA	0946	E250 OVC	20			240	53	18	06	10		026	208 1019 42	RD
SA	1049	E250 OVC	20			~~224~~ 227	54	15	08	08		025		RD
SA	1149	160 SCT E250 OVC	20			221	55	17	12	09		022		RD
SA	1248	160 SCT E250 OVC	20			217	55	19	12	10		020	717 1077	RD
SA	1349	160 SCT E250 OVC	20			216	55	19	12	09		020		RD
SA	1447	160 SCT E250 OVC	20			216	55	21	12	10		020		RD
SA	1547	70 SCT E100 OVC	20			220	55	18	13	09		021	303 1071 56	MR
													RADAT 74092	
SA	1645	E50 BKN 100 OVC	20		R-	224	54	20	12	05		022	RB37	MR
SA	1747	E50 BKN 100 OVC	20			227	53	30	12	06		023	RE30	MR
SA	1844	50 SCT E100 OVC	20			232	53	26	09	10		023	20700 1521	MR
SA	1945	E50 BKN 100 OVC	20			230	52	28	08	08		023		MR
SA	2048	50 SCT E100 OVC	20			231	52	30	07	11		024		MR
SA	2146	50 SCT E100 OVC	20			228	50	35	05	08		023	00000 152/ 56	MR
SA	2244	50 SCT E80 OVC	20			228	50	32	07	06		023		MR
SA	2346	50 SCT E80 OVC	20			215	51	33	09	10		020		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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO DESERT ROCK, NV

DATE: 1981 JAN 11

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.760	46.6	35.4	29	5	5	Ci	250												1	7	030			00-01
01 48	26.765	47.0	35.9	31	5															1					01-02
02 50	26.780	44.0	34.0	33	8															1					02-03
03 46	26.780	48.3	36.0	26	8	8	CS	250												1	1	.020			03-04
04 49	26.775	46.4	35.0	28	9															3					04-05
05 48	26.780	48.0	35.8	26	10															3					05-06
06 50	26.800	43.8	33.4	29	10	10	CS	E250												9	3	.020			06-07
07 52	26.810	46.2	35.0	29	10															10					07-08
08 48	26.820	49.9	36.9	24	10															10					08-09
09 46	26.825	52.6	39.0	25	10	0	AS	160	10	CS	E250	10								10	2	.025			09-10
10 49	26.820	53.7	39.0	21	10															10					10-11
11 49	26.785	55.0	40.0	22	10															10					11-12
12 48	26.775	55.0	40.8	26	10	4	AC	160	10	CS	E250	10								10	7	050			12-13
13 49	26.770	55.1	40.4	24	10															10					13-14
14 47	26.770	55.1	41.0	26	10															10					14-15
15 47	26.785	54.9	40.1	23	10	3	SC	7/10	7/10	AC	E100	10								10	3	.010			15-16
16 45	26.790	53.6	40.0	27	10															10					16-17
17 47	26.800	53.2	42.4	40	10															10					17-18
18 44	26.805	53.1	41.2	34	10	5	SC	50	5	AS	E100	10								10	2	.020			18-19
19 45	26.800	51.6	41.0	39	10															10					19-20
20 48	26.810	51.6	41.9	44	10															10					20-21
21 46	26.805	50.2	42.8	55	10	4	SC	50	6	AS	E100	10								10	0	.000			21-22
22 44	26.805	50.4	42.0	50	10															10					22-23
23 46	26.775	51.4	42.8	50	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	49	44	X	X						X		
	0342	1	0	0	0	51	42		0								
	0944	2	0	0	0	53	44		0								
	1543	3	0	0	0	56	53		0								
	2143	4	T	0	0	55	50		0								
	MID.	X	0	0	0	52	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.825	26.785	26.805
BAROGRAPH 64	26.765	26.825	26.775	26.800
BAR. CORR. 65	+.015	±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
56	44	T	0	0	17	NE	2034					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1637	1730			

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: 0905 / 50 / CLOCK 17.29 OK

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: 1981 JAN 12

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	50 SCT E80 OVC	20			206	51	32	05	07		017	819 152/	MR
SA	0147	50 SCT E80 OVC	20			207	51	31	07	07		017		MR
SA	0250	E50 BKN 80 OVC	20		R-	210	50	33	10	05		018	RB25	MR
SA	0352	E45 BKN 80 OVC	20			210	50	32	12	08		018	RE17/10300 152/ 49	RD
—			—			—						—	RADAT 84100	—
SA	0451	E45 BKN 80 OVC	20			209	49	31	09	09		017		RD
SA	0550	E45 BKN 80 OVC	20			213	48	32	08	08		019		RD
SA	0650	E50 BKN 80 OVC	20			215	50	30	07	08		020	303 152/	RD
SA	0750	E50 BKN 80 OVC	20		R-	220	49	32	04	09		022	RB44 MTN TOP OBSC SE	RD
SA	0851	E45 BKN 80 OVC	20			221	50	32	05	12		023	RE10 MTN TOP OBSC SE	RD
SA	0950	E45 OVC	20			227	52	34	03	10		023	2-1000 15// 51	RD
SA	1050	E M45 OVC	20			220	53	31	05	06		022		RD
SA	1147	M45 BKN 80 OVC	20		RW-	210	55	33	06	05		018	*BINOVC W *RB40	RD
SA	1249	M55 BKN 80 OVC	20			199	55	34	04	06		016	RE05/72200 152/	RD
SA	1350	M55 BKN 80 OVC	20			192	56	34	03	08		014		RD
SA	1450	M55 BKN 80 BKN	20			194	56	33	11	07		014		RD
SA	1549	M55 BKN 80 OVC	20			195	55	33	10	09		014	60500 152/ 57	MR
													RADAT 00091	
SA	1646	E55 BKN 100 OVC	20			195	54	33	10	07		014	BINOVC NE	MR
SA	1745	E55 BKN 100 OVC	20			201	53	34	10	07		015		MR
SA	1845	E60 BKN 100 OVC	20			205	51	33	08	04		016	307 157/	MR
SA	1948	60 SCT E100 OVC	20			209	48	33	13	02		016		MR
SA	2046	60 SCT E100 OVC	20			211	47	32	01	02		017		MR
SA	2148	60 SCT E100 OVC	20			215	47	32	36	02		018	307 157/ 57	MR
SA	2245	E110 OVC	20			215	46	33	30	02		019	BINOVC S	MR
SA	2347	E110 OVC	20			215	45	33	03	03		019		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 $6P_oP_oP_oP_o$ $7RRR_{tr}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 12

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.750	51.2	42.1	47	10	3	SC	50	7	As	E80	10								10	8	.055			00-01
01 47	26.755	50.7	41.6	46	10															10					01-02
02 50	26.760	49.7	41.8	52	10															10					02-03
03 52	26.760	49.7	41.6	51	10	7	Sc	E45	3	As	80	10								10	1	.010			03-04
04 51	26.750	48.5	40.6	51	10															10					04-05
05 50	26.765	48.0	40.3	53	10															10					05-06
06 50	26.770	49.7	41.0	47	10	8	SC	E50	2	As	80	10								10	3	.010			06-07
07 50	26.785	49.0	41.6	54	10				—											10					07-08
08 51	26.795	49.6	41.6	51	10															10					08-09
09 50	26.800	50.6	42.6	52	10	10	Sc	E45												10	2	.030			09-10
10 50	26.785	53.4	43.0	43	10															10					10-11
11 47	26.760	54.7	44.1	43	10															10					11-12
12 49	26.735	55.0	44.8	45	10	8	SC	M55	2	As	80	10								10	7	.065			12-13
13 50	26.720	55.9	45.3	44	10															10					13-14
14 50	26.720	56.2	45.0	42	9															9					14-15
15 49	26.720	55.3	44.7	43	10	7	SC	M55	3	As	80	10								10	6	.015			15-16
16 46	26.720	54.2	44.0	44	10															10					16-17
17 45	26.730	53.4	44.0	48	10															10					17-18
18 45	26.740	50.9	42.4	50	10	8	Sc	E60	2	Ac	100	10								10	3	.020			18-19
19 48	26.745	48.3	41.0	54	10															10					19-20
20 46	26.750	46.9	40.0	55	10															9					20-21
21 48	26.760	46.5	40.0	57	10	2	Sc	60	8	Ac	E100	10								10	3	.020			21-22
22 45	26.765	46.3	40.3	60	10															9					22-23
23 47	26.765	45.1	39.6	63	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	T	0	X	52	49	X	X						X		
	0345	1	T	0	0	52	49		0								
	0945	2	T	0	0	51	48		0								
	1543	3	T	0	0	57	51		0								
	2143	4	0	0	0	55	46		0								
	MID.	X	0	0	0	47	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.800	26.720	26.760
BAROGRAPH 64	26.755	26.800	26.720	26.760
BAR. CORR. 65	+.005	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	45	T	0	0	13 ~~1346~~	E	1/1346					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0225	0317			
R-	0744	0810			
RW-	1140	1205			

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: 1045 1 SEC SLOW / CLOCK 1750P 2 SEC SLOW

1/ LAST OF SEVERAL OCCURANCES

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: 1981 JAN 13

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INDICATOR (15)
SA	0046	M50 BKN 100 OVC	20			208	46	34	12	03		017	803 157/	MR
SA	0147	50 SCT 110 SCT	20			208	45	33	10	04		017		MR
SA	0254	110 SCT	20			206	44	32	09	03		016		MR
SA	0352	CLR	20			198	44	34	05	08		014	810 42 RADAT 90085	JC
SA	0449	90 SCT	20			200	43	38	07	05		014		JC
SA	0544	90 SCT	20			201	43	34	07	04		014		JC
SA	0645	90 SCT	20			207	40	32	32	03		015	303 1070	JC
SA	0744	90 SCT 200 SCT	20			216	41	32	00	00		017		JC
SA	0846	CLR	20			220	47	33	12	03		020	FEW AC AND CI	JC
SA	0949	CLR	20			217	53	41	21	02		020	114 1001 40	JC
SA	1047	CLR	20			214	58	35	29	03		020		JC
SA	1149	CLR	20			198	60	36	28	03		015	FEW CU N	JC
SA	1254	CLR	20			185	61	36	21	06		012	824 1100	JC
SA	1344	CLR	20			182	63	38	24	06		011	FEW CU	JC
SA	1445	CLR	20			174	63	38	21	04		009	FEW CU	JC
SA	1547	CLR	20			181	62	33	17	04		010	705 1401 63 RADAT 73086	MR
SA	1644	CLR	20			186	60	29	13	04		011	FEW SC NW	MR
SA	1745	CLR	20			194	54	27	10	06		012	SC NW	MR
SA	1845	CLR	20			203	48	27	10	02		013	210	MR
SA	1947	CLR	20			204	45	25	03	02		013		MR
SA	2046	CLR	20			205	44	26	02	04		014		MR
SA	2147	CLR	20			208	41	25	00	00		016	308 63	MR
SA	2246	CLR	20			210	41	25	09	02		017		MR
SA	2345	CLR	20			205	40	26	12	02		016		MR

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

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 JAN 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.750	45.7	40.3	64	10	7	SC	M50	3	AC	100	10								10	8	.010			00-01
01 47	26.750	45.3	39.8	63	4															3					01-02
02 54	26.740	44.0	38.7	63	1															1					02-03
03 52	26.720	43.1	39.2	68	0															0	8	.030			03-04
04 49	26.720	43.0	38.4	69	3															3					04-05
05 44	26.720	42.8	38.8	71	4															3					05-06
06 45	26.730	40.0	36.4	72	2	2	AC	90												2	3	.010			06-07
07 44	26.750	40.8	37.0	71	3															3					07-08
08 46	26.770	46.5	40.3	59	0															0					08-09
09 49	26.770	52.8	46.5	63	0	0	CI	250												0	1	.040			09-10
10 47	26.770	58.2	46.8	42	0															0					10-11
11 49	26.710	60.2	47.8	40	0															0					11-12
12 54	26.700	61.4	48.3	38	0	0	CU	50												0	8	.020			12-13
13 44	26.690	62.7	49.7	40	0															0					13-14
14 45	26.670	62.7	49.8	40	0															0					14-15
15 47	26.685	62.4	47.8	33	0	0	SC	50	0	CI	250	0								0	7	.015			15-16
16 44	26.695	59.5	45.1	31	0															0					16-17
17 45	26.705	54.3	42.2	35	0															0					17-18
18 45	26.715	48.4	39.0	42	0															0	2	-.030			18-19
19 47	26.715	44.7	36.7	46	0															0					19-20
20 46	26.725	44.2	36.6	48	0															0					20-21
21 47	26.740	41.3	34.8	52	0															0	3	.025			21-22
22 46	26.750	40.5	34.2	53	0															0					22-23
23 45	26.740	39.9	34.1	56	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 0350	X	0	0	X	46	42	X	X						X		
	0350	1	0	0	0	47	42		0								
	0945	2	0	0	0	54	40		0								
	1543	3	0	0	0	63	53		0								
	2143	4	0	0	0	62	41		0								
	MID.	X	0	0	0	41	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.770	26.685	26.740
BAROGRAPH 64	26.725	26.770	26.680	26.720
BAR. CORR. 65	+.005	±0*	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	40	0	0	0	13	SW	1246					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: 1 SEC SLOW 0826 PST / CLOCK 2 SEC SLOW 1643P

* BAROGRAPH CHANGED AND RESET TO ZERO CORR.

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: NAD, DESERT ROCK, NV

DATE: 1981 JAN 14

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0045	CLR	20			201	39	27	09	02		015	803	MR
SA	0146	CLR	20			200	40	27	10	05		015		MR
SA	0250	CLR	20			202	36	26	33	03		015		MR
SA	0349	CLR	20			196	37	26	02	02		014	805 36 RADAT 68090	JD
SA	0450	CLR	20			197	38	26	00	00		014		JD
SA	0549	CLR	20			207	37	24	19	02		015		JD
SA	0648	CLR	20			220	35	26	02	04		017	312 1001	JD
SA	0746	CLR	20			224	38	26	11	03		018		JD
SA	0847	CLR	20			224	44	27	18	02		019		JD
SA	0949	CLR	20			223	50	28	30	02		019	107 1001 34	JD
SA	1048	CLR	20			215	58	29	27	02		019		JD
SA	1147	CLR	20			199	61	29	00	00		015		JD
SA	1246	CLR	20			186	61	28	19	03		011	827 1001	JD
SA	1346	CLR	20			176	64	31	19	02		008		JD
SA	1451	CLR	20			177	62	30	23	07		008	CI SW-NW	JD
SA	1550	CLR	20			176	62	28	23	08		008	608 1005 65 RADAT 72092	WRC
SA	1650	250 - SCT	20			177	57	29	22	05		008		WRC
SA	1750	250 - SCT	20			186	54	30	13	05		009		WRC
SA	1850	250 - SCT	20			192	48	25	12	07		010	305 1001	WRC
SA	1950	CLR	20			189	49	27	10	06		010	FEW CI W	WRC
SA	2050	250 - SCT	20			187	48	25	11	04		010		WRC
SA	2150	250 - SCT	20			190	43	26	03	05		011	303 1001 65	WRC
SA	2245	250 - SCT	20			186	41	25	05	05		011		WRC
SA	2350	250 - SCT	20			181	40	24	10	04		010		WRC

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV

DATE: 1981 JAN 14

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.730	39.1	34.1	61	0															0	8	.010			00-01
01 46	26.730	40.0	34.5	58	0															0					01-02
02 50	26.730	36.2	32.2	66	0															0					02-03
03 49	26.715	37.1	32.8	65	0															0	8	.015			03-04
04 50	26.715	37.6	33.1	64	0															0					04-05
05 49	26.730	36.6	31.8	61	0															0					05-06
06 48	26.750	34.8	31.5	71	0	0	Ci	250												0	3	.035			06-07
07 46	26.760	37.6	33.0	63	0															0					07-08
08 47	26.770	44.4	36.9	49	0															0					08-09
09 49	26.770	50.0	40.4	43	0	0	Ci	250												0	1	.020			09-10
10 48	26.765	58.1	44.6	33	0															0					10-11
11 47	26.725	60.8	45.7	29	0															0					11-12
12 46	26.690	61.1	45.8	29	0	0	Ci	250												0	8	.080			12-13
13 46	26.670	64.3	48.0	28	0															0					13-14
14 51	26.665	62.3	46.9	30	0															0					14-15
15 50	26.665	62.1	46.2	27	0	0	Ci	250												0	6	.025			15-16
16 50	26.665	57.2	44.0	33	1															0					16-17
17 50	26.675	53.8	42.9	40	1															0					17-18
18 50	26.680	48.3	38.5	40	3	3	Ci	250												1	3	.015			18-19
19 50	26.680	49.0	39.3	41	0															0					19-20
20 50	26.680	47.8	38.4	41	2															1					20-21
21 50	26.690	43.0	35.8	50	2	2	Ci	250												1	3	.010			21-22
22 45	26.690	40.7	34.3	53	2															1					22-23
23 50	26.660	40.4	34.0	52	3															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	X	0	0	X	42	36	X	X						X		
	0345	1	0	0	0	42	36		0								
	0945	2	0	0	0	50	34		0								
	1546	3	0	0	0	65	50		0								
	2146	4	0	0	0	62	48		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.715	26.770	26.665	26.690
BAROGRAPH 64	26.705	26.755	26.655	26.665
BAR. CORR. 65	+.010	+.015	+.010	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	34	0	0	0	14	SW	1426					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0551P 1 SEC SLOW

0011P 1 SEC SLOW

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: 1981 JAN 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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0050	250 - SCT	20			178	38	24	00	00		009	707 1001	WRG
SA	0150	250 - BKN	20			177	37	25	10	04		009		WRG
SA	0250	250 - BKN	20			179	38	24	02	03		089		WRG
SA	0352	270 - BKN	20			176	35	25	00	00		007	703 1001 35 RADAT 63090	JD
SA	0447	270 - BKN	20			174	36	27	04	02		006		JD
SA	0548	270 - BKN	20			180	35	26	08	02		007		JD
SA	0647	270 - SCT	20			189	33	25	01	02		008	303 1001	JD
SA	0747	270 - BKN	20			186	39	26	14	02		008		JD
SA	0849	270 - BKN	20			184	45	27	00	00		009		JD
SA	0949	270 - BKN	20			185	51	28	22	02		010	303 1008 32	JD
SA	1047	270 - BKN	20			179	55	28	07	02		008		JD
SA	1149	270 - OVC	20			162	58	29	28	03		004		JD
SA	1249	270 - OVC	20			149	60	30	20	03		999	824 1107	JD
SA	1347	260 - OVC	20			142	60	31	22	05		997		JD
SA	1452	260 - OVC	20			141	60	31	24	07		997		JD
SA	1550	180 SCT E 250 OVC	20			139	59	32	23	06		996	710 1077 61 Radat 76089	WRG
SA	1650	180 SCT 250 - BKN	20			141	56	31	22	05		996		WRG
SA	1750	180 SCT 250 - BKN	20			150	49	27	03	03		997		WRG
SA	1850	180 SCT 250 - BKN	20			156	46	27	06	05		998	307 1078	WRG
SA	1950	250 - SCT	20			155	44	26	07	03		998		WRG
SA	2045	CLR	20			154	41	27	05	03		999	Few CS PW	WRG
SA	2150	CLR	20			152	42	26	08	03		000	203 61	WRG
SA	2245	CLR	20			156	38	26	00	00		001		WRG
SA	2350	250 SCT	20			151	39	27	00	00		000		WRG

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

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

☆ U.S. GPO: 1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1991 JAN 15

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.670	37.5	32.3	56	5	5	Ci	250												2	7	.020			00-01
01 50	26670	36.8	32.2	62	7															3					01-02
02 50	26670	38.0	32.6	57	7															3					02-03
03 52	26.660	35.4	31.3	65	6	6	Ci	270												2	7	.010			03-04
04 49	26.650	36.1	32.3	68	6															2					04-05
05 48	26655	34.8	31.5	71	6															1					05-06
06 47	26670	33.1	30.1	72	3	3	Ci	270												0	3	.010			06-07
07 47	26.670	38.7	33.6	60	8															0					07-08
08 49	26675	44.8	37.3	50	9															1					08-09
09 49	26.680	51.1	40.9	41	9	9	Cs	270												1	3	.010			09-10
10 47	26.665	55.4	43.0	35	9															1					10-11
11 49	26.625	57.9	44.6	34	10															1					11-12
12 49	26.590	59.8	45.7	32	10	0	Cu	100	10	Cs	270	10								2	8	.090			12-13
13 47	26.570	60.2	46.1	33	10															4					13-14
14 50	26.570	59.8	46.0	33	10															4					14-15
15 50	26.560	59.6	45.9	37	10	1	AC	180	10	CS	E250	10								6	7	.030			15-16
16 50	26560	56.0	44.1	38	9															4					16-17
17 50	26570	48.6	39.3	43	8															4					17-18
18 50	26580	46.0	37.9	47	7	1	AC	180	6	CS	250	7								3	3	.020			18-19
19 50	26.590	43.6	36.3	49	3															1					19-20
20 45	26.595	41.3	35.3	56	0															0					20-21
21 50	26.590	41.5	35.2	54	0															0	2	.010			21-22
22 45	26.600	37.8	33.0	61	0															0					22-23
23 50	26590	38.7	33.8	62	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	X	0	0	X	46	35	X	X						X		
	0345	1	0	0	0	43	35		0								
	0945	2	0	0	0	51	32		0								
	1546	3	0	0	0	61	51		0								
	2146	4	0	0	0	59	40		0								
	MID.	X	0	0	0	42	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0848	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.680	26.560	26.590
BAROGRAPH 64	26.630	26.650	26.540	26.555
BAR. CORR. 65	+.030	+.030	+.020	+.035

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
61	32	0	0	0	12	SW	1408					9	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0519P 1 SEC SLOW
2300P 1/2 Sec SLow

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: 1981 JAN 16

TO CONVERT LST TO GMT: ADD 5 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0050	180 SCT	20			147	37	26	03	05		999	803 1030	WRG
SA	0150	E180 BKN	20			143	41	28	07	03		999		WRG
SA	0250	180 SCT 250 -SCT	20			145	40	28	11	05		999		WRG
SA	0349	250 -BKN	20			142	39	28	35	06		997	803 1038 37 RADAT 87083	JD
SA	0450	E250 OVC	20			145	40	28	25	03		998		JD
SA	0549	250 -OVC	20			155	38	28	05	03		999		JD
SA	0650	120 SCT 170 SCT E250 OVC	20			165	39	28	07	03		002	314 1078	JD
SA	0749	E120 BKN 170 BKN 250 OVC	20			169	41	28	00	00		003		JD
SA	0849	120 SCT E170 BKN 250 OVC	20			172	45	29	04	02		004		JD
SA	0950	250 -OVC	20			168	52	31	32	04		005	108 1077 37	JD
SA	1047	250 -OVC	20			168	55	33	13	11		005		JD
SA	1146	250 -OVC	20			158	57	33	13	10		002	CU NNE	JD
SA	1248	130 SCT 250 -OVC	20			149	59	34	14	08		999	817 1157	JD
SA	1347	130 SCT 250 -OVC	20			144	58	34	15	05		998		JD
SA	1450	120 SCT E250 OVC	20			141	58	35	17	02		997		JD
SA	1550	80 SCT 130 SCT E250 OVC	20			146	58	36	22	03		998	502 1477 60	-
													RADAT 95079	WRG
SA	1650	M65 BKN 250 OVC	20			156	56	37	25	05		001		WRG
SA	1750	M65 BKN 250 OVC	20			163	55	36	27	06		003		WRG
SA	1850	M65 BKN 250 OVC	20			173	54	36	05	03		005	220 1407	WRG
SA	1950	65 SCT E130 BKN 2500 OVC	20			171	52	36	07	04		005		WRG
SA	2045	65 SCT E130 BKN	20			169	52	36	11	06		005		WRG
SA	2150	65 SCT E130 BKN	20			179	48	32	10	05		008	310 1470 60	WRG
SA	2245	M65 BKN	20			181	49	36	00	00		010		WRG
SA	2350	M65 BKN	20			179	49	33	11	08		010		WRG

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

FM11V: Iliii Ndaff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh$ 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 16

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.580	37.6	33.0	63	5	5	Ac	180												3	8	.010			00-01
01 50	26.580	40.5	35.3	61	7															6					01-02
02 50	26.580	40.3	35.1	61	5															2					02-03
03 49	26.570	38.6	34.2	65	7	0	Ac	180	7	Cs	250	7								1	8	.010			03-04
04 50	26.575	40.1	35.0	61	10															6					04-05
05 49	26.590	38.0	33.8	66	10															5					05-06
06 50	26.610	38.8	34.4	65	10	1	Ac	120	4	Ac	170	5	5	Cs	E250	10				7	3	.040			06-07
07 49	26.620	41.1	35.7	60	10															10					07-08
08 49	26.630	45.0	38.0	53	10															9					08-09
09 50	26.635	51.6	42.0	45	10	0	Ac	120	0	Ac	180	0	10	Cs	250	10				0	1	.025			09-10
10 47	26.635	54.8	44.5	44	10															1					10-11
11 46	26.610	57.3	45.4	39	10															1					11-12
12 48	26.585	58.6	46.4	39	10	0	Cu	100	1	Ac	130	1	10	Cs	250	10				2	8	.050			12-13
13 47	26.575	57.8	46.0	40	10															4					13-14
14 50	26.570	58.1	46.7	42	10															7					14-15
15 50	26.580	58.3	47.0	43	10	3	Sc	40	1	Ac	130	4	10	Cs	E250	10				7	5	.005			15-16
16 50	26.600	56.3	46.4	48	10															10					16-17
17 50	26.620	54.9	45.6	50	10															10					17-18
18 50	26.640	53.4	44.8	52	10	8	Sc	M65	2	Cs	250	10								10	2	.060			18-19
19 50	26.640	51.7	43.8	54	10															10					19-20
20 45	26.640	51.8	44.0	54	8															6					20-21
21 50	26.670	48.4	41.0	54	6	2	Sc	65	4	Ac	E130	6								6	3	.030			21-22
22 45	26.680	49.2	42.7	60	8															8					22-23
23 50	26.680	49.2	41.6	53	6															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 0344	X	0	0	X	42	37	X	X						X		
	0344	1	0	0	0	42	37		0								
	0945	2	0	0	0	52	38		0								
	1546	3	0	0	0	60	52		0								
	2146	4	0	0	0	59	48		0								
	MID.	X	0	0	0	50	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.635	26.580	26.670
BAROGRAPH 64	26.540	26.605	26.555	26.640
BAR. CORR. 65	+.030	+.030	+.025	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	37	0	0	0	15	SE	1138					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: 0510 P 1 SEC SLOW
2321 P 1 Sec SLow

MF1-10B

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WRAD, DESERT ROCK, NV

DATE: 1981 JAN 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)	OB. SERVER'S INITIALS (15)
SA	0050	65 SCT	20			179	48	37	05	06		010	103 1400	WRG
SA	0150	M65 BKN	20			186	46	36	06	06		012		WRG
SA	0250	65 SCT 130 SCT	20			186	47	35	11	06		012		WRG
SA	0350	60 SCT 120 SCT	20			181	42	32	03	05		009	802 1430 42 RADAT 75079	JD
SA	0452	60 SCT 120 SCT	20			186	45	32	08	03		011		JD
SA	0547	M55 BKN 110 BKN	20			194	44	34	09	03		013		JD
SA	0648	55 SCT E120 OVC	20			206	42	33	09	04		016	320 1421	JD
SA	0748	55 SCT E120 OVC	20			214	45	33	14	02		018		JD
SA	0847	60 SCT E120 BKN 250 OVC	20			215	49	35	00	00		019		JD
SA	0947	M55 BKN 130 BKN 250 OVC	20			215	53	34	13	06		019	110 1428 42	JD
SA	1048	55 SCT E230 BKN	20			216	55	38	14	04		019	HUY CU NVE	JD
SA	1145	55 SCT 120 SCT E250 OVC	20			210	56	38	23	03		018	HUY CU NVE	JD
SA	1248	55 SCT 120 SCT E250 OVC	20			201	58	36	33	02		016	808 1837	JD
SA	1345	55 SCT E250 OVC	20			198	60	37	21	02		015		JD
SA	1450	E250 OVC	20			198	60	36	31	02		015		JD
SA	1550	50 SCT 140 SCT E230 OVC	20			204	59	37	00	00		016	500 1237 61 RADAT 49095	WRG
SA	1650	140 SCT E230 OVC	20			204	56	36	00	00		016		WRG
SA	1750	140 SCT 230 - OVC	20			208	52	35	06	05		016		WRG
SA	1850	230 - OVC	20			216	46	33	27	03		017	303 1007	WRG
SA	1950	230 - BKN	20			223	44	32	01	04		019	WND VRBL	WRG
SA	2045	230 - SCT	20		230	234	44	33	09	04		021		WRG
SA	2150	230 - SCT	20			232	43	31	04	04		023	217 1009 61	WRG
SA	2245	CLR	20			238	41	32	26	04		025	WND VRBL	WRG
SA	2350	CLR	20			236	43	32	06	06		025		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$_{rs}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 17

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.690	48.3	42.8	65	5	5	SC	65												5	1	.010			00-01
01 50	26.700	46.3	41.5	68	5															8					01-02
02 50	26.700	46.8	41.0	62	5															5					02-03
03 50	26.675	41.8	37.5	68	1	1	SC	60	0	Ac	120	1								1	8	.005			03-04
04 52	26.690	44.9	39.2	61	5															4					04-05
05 47	26.710	43.9	39.4	69	8															8					05-06
06 48	26.735	42.3	38.3	71	10	1	SC	55	10	As	E20	10								10	3	.060			06-07
07 48	26.755	44.9	39.6	64	10															10					07-08
08 47	26.765	48.6	42.0	59	10															9					08-09
09 47	26.765	52.8	43.8	49	10	6	SC	455	0	As	130	6	4	Cs	E50	10				7	1	.030			09-10
10 48	26.770	55.2	46.6	53	9															9					10-11
11 45	26.760	56.1	46.8	50	10															8					11-12
12 48	26.740	58.2	47.2	44	10	0	Cu	45	1	SC	55	1	0	Ac	120	1	10	Cs	E250	7	8	.025			12-13
13 45	26.730	59.7	48.0	42	10															6					13-14
14 50	26.730	59.8	47.8	41	10															10					14-15
15 50	26.740	59.1	47.9	44	10	1	CU	50	2	AC	140	3	10	CS	E230	10				9	5	.000			15-16
16 50	26.740	55.8	46.0	48	10															6					16-17
17 50	26.740	52.3	43.8	51	10															5					17-18
18 50	26.750	46.4	40.0	58	10	10	CS	230												4	3	.010			18-19
19 50	26.770	44.2	38.8	63	9															4					19-20
20 45	26.780	44.0	38.9	64	5															2					20-21
21 50	26.800	42.9	37.8	64	2	2	CS	230												1	2	.050			21-22
22 45	26.820	40.7	36.8	71	0															0					22-23
23 50	26.820	43.2	36.0	63	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	50	42	X	X						X		
	0344	1	0	0	0	50	42		0								
	0943	2	0	0	0	53	42		0								
	1546	3	0	0	0	61	53		0								
	2146	4	0	0	0	59	42		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.675	26.765	26.740	26.800
BAROGRAPH 64	26.650	26.740	26.720	26.790
BAR. CORR. 65	+.025	+.025*	+.020	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
61	40	0	0	0	10	E	0928					10	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: 0634P 1 SEC SLOW
2316P 1 sec SLOW

* 0950P Barograph changed 0 corr.

MF1-10B

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: 1981 JAN 18

TO CONVERT LST TO GMT ADD 00 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			238	39	31	07	04		025	207	WRC
SA	0150	CLR	20			238	40	32	19	04		025		WRC
SA	0250	CLR	20			240	39	31	27	03		025		WRC
SA	0350	CLR	20			230	45	33	02	02		024	803 37 RADAT 44102	008
SA	0450	CLR	20			233	41	33	07	10		024		008
SA	0550	CLR	20			238	43	33	08	08		025		008
SA	0648	CLR	20			247	41	34	09	02		026	307 1001	008
SA	0748	CLR	20			252	40	32	22	02		027		008
SA	0849	CLR	20			250	50	35	23	01		028		008
SA	0944	CLR	20			248	54	34	20	03		028	107 1001 37	008
SA	1049	250 SCT	20			248	57	35	07	04		028		008
SA	1148	250 - SCT	20			238	59	35	10	03		026		008
SA	1245	250 - SCT	20			224	61	34	20	02		022	820 1001	008
SA	1345	250 - SCT	20			215	63	34	20	07		019		008
SA	1448	250 - BKN	20			216	62	36	23	10		019		008
SA	1549	250 - BKN	20			214	61	34	24	09		020	607 1001 65 RADAT 20113	HS
SA	1648	250 - OVC	20			221	59	33	24	06		021		HS
SA	1750	250 - OVC	20			224	52	31	04	05		021		HS
SA	1849	250 - OVC	20			226	50	32	13	03		021	103 1001	HS
SA	1950	250 - OVC	20			231	48	30	06	02		022		HS
SA	2050	250 - OVC	20			229	48	28	10	03		023		HS
SA	2150	250 - OVC	20			228	48	28	10	03		023	107 1001 65	HS
SA	2250	250 - OVC	20			222	47	29	28	03		022		HS
SA	2350	250 - OVC	20			209	47	28	09	02		018		HS

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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1981 JAN 18
To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.820	39.2	35.6	72	0															0	2	020			00-01
01 50	26.820	39.6	36.1	73	0															0					01-02
02 50	26.820	38.6	35.4	74	0															0					02-03
03 50	26.810	44.8	39.2	62	0															0	8	.010			03-04
04 50	26.810	40.9	37.2	72	0															0					04-05
05 50	26.820	43.2	38.5	67	0															0					05-06
06 48	26.830	40.8	37.5	75	0	0	Ci	250												0	3	.020			06-07
07 48	26.840	40.3	36.8	73	0															0					07-08
08 49	26.850	49.8	42.8	57	0															0					08-09
09 44	26.850	53.8	44.3	47	0	0	Ci	250												0	1	.020			09-10
10 49	26.850	57.4	46.3	43	2															2					10-11
11 48	26.830	59.4	47.2	40	2															1					11-12
12 45	26.790	61.3	47.8	36	3	3	Ci	250												1	8	.060			12-13
13 45	26.770	62.9	48.3	33	3															1					13-14
14 48	26.770	61.8	48.6	38	8															3					14-15
15 49	26.770	60.7	47.4	36	9	9	Ci	250												3	6	.020			15-16
16 48	26.780	58.5	46.1	38	10															3					16-17
17 50	26.780	52.3	42.6	45	10															4					17-18
18 49	26.780	49.9	41.7	50	10	10	Ci	250												4	1	.010			18-19
19 50	26.790	48.2	39.9	48	10															4					19-20
20 50	26.800	47.8	39.0	45	10															4					20-21
21 50	26.800	48.1	39.2	45	10	10	Ci	250												4	1	.020			21-22
22 50	26.790	47.3	39.4	50	10															5					22-23
23 50	26.760	47.2	38.7	46	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	45	37	X	X						X		
	0342	1	0	0	0	45	37		0								
	0940	2	0	0	0	55	39		0								
	1544	3	0	0	0	65	53		0								
	2145	4	0	0	0	61	45		0								
	MID.	X	0	0	0	48	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0943	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.850	26.770	26.800
BAROGRAPH 64	26.800	26.860	26.785	26.790
BAR. CORR. 65	+.010	-.010	-.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	37	0	0	0	13	20	1422					4	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: 0500P - ON TIME / 2140P - OK

MF1-10B

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: 1981 JAN 1 9

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	250-OVC	20			213	44	27	15	03		020	510 1001	HS
SA	0150	250-OVC	20			213	45	27	10	05		020		HS
SA	0247	250-OVC	20			209	45	26	06	03		018		HS
SA	0350	250-OVC	20			207	43	30	11	04		017	807 1001 41 RHAHT 39114	008
SA	0450	250-OVC	20			211	38	28	10	02		017		008
SA	0546	250-BKN	20			214	40	29	13	05		017		008
SA	0648	250-BKN	20			223	39	29	10	03		019	307 1001	008
SA	0746	250-BKN	20			218	41	29	34	02		018		008
SA	0845	≤ 250 BKN	20			219	47	30	23	01		019		008
SA	0946	≤ 250 BKN	20			217	52	31	26	02		019	500 1001 38	008
SA	1049	≤ 250 BKN	20			207	57	32	16	01		017		008
SA	1149	250 SCT	20			192	61	32	29	04		014		008
SA	1249	250 SCT	20			184	62	34	22	10		011	827 1001	008
SA	1347	250-BKN	20			174	63	34	23	08		008		008
SA	1447	250-BKN	20			175	61	32	22	10		008		008
SA	1550	250-SCT	20			171	62	32	22	08		008	610 1001 65 RADAT 40114	HS
SA	1648	250-SCT	20			180	59	30	24	06		009		HS
SA	1748	250-SCT	20			187	52	26	34	04		010		HS
SA	1849	250-SCT	20			190	49	26	11	04		010	107 1001	HS
SA	1945	250-SCT	20			189	49	27	06	03		010		HS
SA	2048	CLR	20			186	46	27	12	09		010		HS
SA	2149	CLR	20			184	45	26	09	05		010	400 1001 65	HS
SA	2249	CLR	20			186	45	24	11	07		011		HS
SA	2349	CLR	20			188	41	26	08	05		012		HS

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_dgapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1978-665-010/1109 Revision No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 19

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.770	43.7	36.6	51	10	10	Ci	250												4	5	.030			00-01
01 50	26.770	44.6	37.3	51	10															4					01-02
02 47	26.760	45.0	37.0	47	10															4					02-03
03 50	26.750	43.1	37.3	59	10	10	Ci	250												4	8	.020			03-04
04 50	26.750	38.4	34.1	66	10															4					04-05
05 46	26.750	39.9	35.3	65	7															3					05-06
06 48	26.770	38.9	34.6	66	7	7	Ci	250												3	3	.020			06-07
07 46	26.760	40.7	35.8	63	7															3					07-08
08 45	26.770	46.6	37.2	52	8															7					08-09
09 46	26.770	51.6	42.0	44	7	7	Ci	250												5	5	.000			09-10
10 49	26.750	57.0	45.2	39	7															5					10-11
11 49	26.720	61.3	47.0	33	4															3					11-12
12 49	26.690	61.7	47.5	35	4	4	Ci	250												3	8	.080			12-13
13 47	26.670	62.6	48.2	34	7															3					13-14
14 47	26.670	64.1	46.8	33	8															4					14-15
15 50	26.660	61.7	47.3	33	5	5	Ci	250												1	6	.030			15-16
16 48	26.670	58.6	45.0	33	3															0					16-17
17 48	26.680	52.0	40.7	36	1															0					17-18
18 49	26.690	49.2	39.2	40	4	4	Ci	250												0	1	.020			18-19
19 45	26.680	47.2	39.6	42	3															0					19-20
20 48	26.680	45.9	38.0	48	0															0					20-21
21 49	26.680	44.9	37.2	49	0	0	Ci	250												0	4	.000			21-22
22 49	26.690	44.8	36.4	44	0															0					22-23
23 49	26.700	41.3	35.1	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 0340	X	0	0	X	47	41	X	X						X		
	0340	1	0	0	0	48	41		0								
	0940	2	0	0	0	53	38		0								
	1545	3	0	0	0	65	50		0								
	2144	4	0	0	0	62	43		0								
	MID.	X	0	0	0	45	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.770	26.660	26.690
BAROGRAPH 64	26.745	26.760	26.660	26.675
BAR. CORR. 65	+.005	+.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 UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	38	0	0	0	11	SW	1232					6	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0505Z - ON TIME / 2140P - OK

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: 1981 JAN 20

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			192	41	28	12	05		013	210	HS
SA	0150	CLR	20			190	38	27	02	05		012		HS
SA	0247	250-SCT	20			191	36	27	11	07		012		HS
SA	0345	250-SCT	20			190	38	27	08	02		012	603 1001 37 RADAT 20108	008
SA	0445	250-BKN	20			190	40	29	03	02		012		008
SA	0547	250-BKN	20			195	40	29	02	02		012		008
SA	0645	250-BKN	20			203	36	26	16	02		013	303 1001	008
SA	0744	250 SCT	20			196	47	27	07	14		013		008
SA	0849	250 SCT	20			195	52	29	18	02		013		008
SA	0945	250-SCT	20			197	57	29	13	07		014	303 1001 36	008
SA	1049	250-SCT	20			197	62	28	26	04		015		008
SA	1145	250-SCT	20			197	61	29	22	06		014		008
SA	1248	250-SCT	20			194	65	27	17	04		014	000 1001	008
SA	1344	~~0~~ CLR	20			178	66	26	26	02		~~007~~ 009		008
SA	1446	250-SCT	20			178	69	27	21	04		010		008
SA	1547	250-SCT	20			180	67	30	22	08		010	614 1001 70 RADAT 20115	HS
SA	1648	250-SCT	20			188	63	26	22	05		012		HS
SA	1748	250-SCT	20			201	53	24	12	02		014		HS
SA	1849	250-SCT	20			206	50	24	07	03		014	114 1001	HS
SA	1947	250-SCT	20			204	50	22	07	02		015		HS
SA	2048	250-SCT	20			208	44	22	06	05		016		HS
SA	2149	250-SCT	20			210	43	22	12	03		017	210 1001 70	HS
SA	2248	CLR	20			207	43	26	07	02		017		HS
SA	2349	250-SCT	20			208	43	20	11	07		017		HS

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

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

☆ U.S. GPO:1978-665-010/1100 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 20

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.710	41.1	35.6	59	0															0	2	.030			00-01
01 50	26.700	38.2	33.7	64	0															0					01-02
02 47	26.700	38.3	33.8	64	3															0					02-03
03 45	26.700	38.0	33.5	64	3	3	ci	250												1	6	.010			03-04
04 45	26.700	39.6	35.0	65	7															3					04-05
05 47	26.700	40.0	35.4	65	7															3					05-06
06 45	26.710	36.2	32.2	66	7	7	ci	250												3	3	.010			06-07
07 44	26.710	47.0	38.4	45	2															2					07-08
08 49	26.710	52.2	41.8	41	3															2					08-09
09 45	26.720	56.6	43.8	34	3	3	ci	250												1	3	.010			09-10
10 49	26.730	61.9	46.0	27	2															1					10-11
11 45	26.730	61.1	46.1	30	2															0					11-12
12 48	26.720	65.4	47.4	23	1	1	ci	250												0	0	.000			12-13
13 44	26.680	67.9	48.3	21	0															0					13-14
14 46	26.680	68.5	48.8	21	1															0					14-15
15 47	26.680	67.3	49.0	25	1	1	ci	250												0	6	.040			15-16
16 48	26.700	63.0	46.1	25	2															0					16-17
17 48	26.720	53.0	40.7	32	2															0					17-18
18 49	26.720	49.9	39.2	37	1	1	ci	250												0	1	.040			18-19
19 47	26.730	49.7	38.4	33	3															0					19-20
20 48	26.740	44.1	35.4	41	1															0					20-21
21 49	26.750	43.3	35.0	43	2	2	ci	250												0	2	.030			21-22
22 48	26.750	43.3	36.1	50	0															0					22-23
23 49	26.750	43.1	34.3	39	3															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	42	37	X	X						X		
	0340	1	0	0	0	45	37		0								
	0940	2	0	0	0	59	36		0								
	1542	3	0	0	0	70	57		0								
	2144	4	0	0	0	67	43		0								
	MID.	X	0	0	0	43	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.720	26.680	26.750
BAROGRAPH 64	26.680	26.720	26.690	26.740
BAR. CORR. 65	+.015	±0	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	36	0	0	0	17	E	0737					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0430P - ON TIME / 2135P - OK

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: 1981 JAN 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. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0048	250 -SCT	20			205	42	27	36	04		016	803 1001	HS
SA	0149	250 - BKN	20			206	44	22	14	03		018		HS
SA	0248	250 - BKN	20			205	45	21	14	02		018		HS
SA	0344	250 - BKN	20			209	41	20	05	04		018	107 1001 41 RADAT 20124	cc8
SA	0445	250 - BKN	20			214	42	19	09	06		019		cc8
SA	0544	250 - BKN	20			223	42	21	32	02		021		cc8
SA	0648	250 - BKN	20			234	41	20	08	06		023	314 1001	cc8
SA	0745	250 - BKN	20			237	48	19	03	10		025		cc8
SA	0845	250 - BKN	20			239	56	20	06	02		026		cc8
SA	0947	250 - BKN	20			242	58	21	13	10		027	214 1001 39	cc8
SA	1044	E 250 BKN	20			241	60	22	12	10		027		cc8
SA	1145	E 250 BKN	20			228	63	24	16	02		024		cc8
SA	1249	E 250 OVC	20			221	64	22	13	06		022	817 1006	cc8
SA	1346	E 250 OVC	20			212	64	22	12	10 G 15		019		cc8
SA	1444	E 250 OVC	20			210	64	22	10	13		019		cc8
SA	1547	E200 OVC	20			214	65	23	13	11		019	607 1006 66 RADAT *	JC
SA	1649	200 SCT 250 - OVC.	20			215	61	24	11	07		019	*20126	JC
SA	1747	250 - SCT	20			223	54	23	12	07		021		JC
SA	1843	250 - BKN	20			227	53	23	12	09		022	307 1001	JC
SA	1949	E250 BKN	20			227	53	26	08	09		023		JC
SA	2048	E250 BKN	20			230	48	24	35	03		024		JC
SA	2149	250 - BKN	20			228	48	24	11	03		024	107 1001 66	JC
SA	2250	250 - BKN	20			234	43	22	04	06		025		JC
SA	2347	250 - SCT	20			230	41	22	10	04		024		JC

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

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

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 JAN 21

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.740	42.0	35.9	56	3	3	Ci	250												1	8	.010			00-01
01 49	26.760	43.9	35.2	41	9															4					01-02
02 48	26.760	45.1	35.6	38	9															4					02-03
03 44	26.760	40.9	33.0	42	8	8	ci	250												4	1	.020			03-04
04 45	26.770	42.4	33.6	38	8															4					04-05
05 44	26.780	42.3	34.0	42	8															4					05-06
06 48	26.800	41.1	33.2	43	8	8	ci	250												3	3	.040			06-07
07 45	26.820	48.3	37.0	31	9															3					07-08
08 45	26.830	55.6	41.0	25	8															3					08-09
09 47	26.840	58.4	42.6	23	9	9	ci	250												4	2	.040			09-10
10 44	26.840	60.1	43.6	23	9															5					10-11
11 45	26.810	62.7	45.3	22	9															7					11-12
12 49	26.790	63.7	45.4	20	10	10	ci	E250												8	8	.050			12-13
13 46	26.770	63.5	45.1	20	10															9					13-14
14 44	26.770	64.1	45.4	19	10															10					14-15
15 47	26.770	64.5	45.9	20	10	10	ci	E200												8	6	.020			15-16
16 49	26.770	60.8	44.4	24	10															4					16-17
17 47	26.780	54.4	41.0	29	5															2					17-18
18 43	26.790	53.3	40.5	30	7	7	ci	250												3	3	.020			18-19
19 49	26.800	53.4	41.5	35	9															6					19-20
20 48	26.810	47.8	37.9	39	6															4					20-21
21 49	26.810	47.7	38.0	40	6	6	ci	250												2	1	.020			21-22
22 50	26.820	43.4	35.0	42	7															1					22-23
23 47	26.810	41.4	33.9	46	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	46	41	X	X						X		
	0340	1	0	0	0	46	41		0								
	0940	2	0	0	0	60	39		0								
	1543	3	0	0	0	66	57		0								
	2145	4	0	0	0	65	47		0								
	MID.	X	0	0	0	48	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0946	1545	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.840	26.770	26.810
BAROGRAPH 64	26.755	26.840	26.785	26.815
BAR. CORR. 65	+.005	±0	+.015	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
66	39	0	0	0	17	E	1438 ✓					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: 0315P - ON TIME / 2318P - ON TIME

1300P - CHANGED BAROGRAM

✓ LAST OF SEVERAL OCCURRENCES

MF1-10B

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: 1981 JAN 22

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 SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0048	CLR	20			226	39	21	27	02		023	803 1001	JC
SA	0149	250 SCT	20			223	44	21	31	04		023		JC
SA	0250	250 SCT	20			226	40	21	12	03		023		JC
SA	0349	140 SCT 250 SCT	20			224	38	20	34	06		022	803 1031 37 RADAT 53125	EP
SA	0447	140 SCT 250 SCT	20			220	39	22	00	00		021		EP
SA	0547	E140 BKN 250 BKN	20			232	39	21	15	04		023		EP
SA	0650	E140 BKN 250 BKN	20			238	38	20	05	06		024	307 1031	EP
SA	0753	140 SCT 250 - BKN	20			238	43	19	00	00		025		EP
SA	0850	250 - BKN	20			238	52	21	07	06		026		EP
SA	0951	150 SCT E250 BKN	20			242	55	22	29	05		027	210 1038 36	EP
SA	1047	150 SCT E250 BKN	20			235	58	24	11	05		025		EP
SA	1148	150 SCT E250 OVC	20			215	62	23	14	11		020		EP
SA	1251	150 SCT E250 BKN	20			206	61	22	13	13		016	634 1038	EP
SA	1346	150 SCT E250 BKN	20			196	62	22	12	12		015		EP
SA	1444	150 SCT E250 BKN	20			193	62	23	13	15		013		EP
SA	1549	150 SCT 250 - BKN	20			192	61	25	12	14		012	614 1031 63 RADAT 23117	JC
SA	1648	150 SCT E250 OVC	20			188	59	27	13	13		011		JC
SA	1749	150 SCT E250 OVC	20			196	56	28	15	06		013		JC
SA	1847	250 - BKN	20			196	52	31	08	10		012	500 1001	JC
SA	1948	250 - BKN	20			202	49	29	12	05		014		JC
SA	2045	150 SCT E250 BKN	20			194	47	29	04	03		013		JC
SA	2149	150 SCT 250 - BKN	20			192	48	27	11	04		013	003 1031 63	JC
SA	2247	150 SCT 250 - BKN	20			192	44	27	08	04		013		JC
SA	2344	150 SCT E250 OVC	20			183	44	27	11	04		011		JC

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

FM11V: Iliii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh$ 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 22

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.800	39.2	32.3	47	0	0	Ci	250												0	8	.010			00-01
01 49	26.800	43.8	34.8	39	1															1					01-02
02 50	26.800	39.8	32.7	46	1															1					02-03
03 49	26.790	37.6	30.7	48	2	2	Ac	140	0	Ci	250	2								2	8	.010			03-04
04 47	26.780	38.5	31.8	49	3															2					04-05
05 47	26.800	39.0	31.8	48	8															6					05-06
06 50	26.810	38.0	31.0	48	7	6	Ac	E140	1	Ci	250	7								4	3	.020			06-07
07 53	26.820	42.8	33.9	38	7															3					07-08
08 50	26.825	52.1	39.3	29	6															3					08-09
09 51	26.840	55.3	41.2	27	9	1	Ac	150	8	Cs	E250	9								6	2	.030			09-10
10 47	26.820	58.1	42.7	25	9															8					10-11
11 48	26.770	61.6	44.7	23	10															8					11-12
12 51	26.740	61.0	44.0	22	9	3	Ac	150	6	Cs	E250	9								7	6	.100			12-13
13 46	26.725	61.8	44.7	21	9															6					13-14
14 44	26.710	62.1	44.9	22	9															6					14-15
15 49	26.700	60.7	44.7	25	9	1	Ac	150	9	Ci	250	9								3	6	.040			15-16
16 48	26.690	58.7	44.4	30	10															7					16-17
17 49	26.710	55.5	43.0	34	10															6					17-18
18 47	26.700	51.7	42.0	44	7	7	Ci	250												3	5	.000			18-19
19 48	26.720	49.2	40.2	45	6															2					19-20
20 45	26.710	46.6	38.9	50	7															4					20-21
21 49	26.710	47.6	38.6	44	6	2	Ac	150	5	Ci	250	6								2	0	.010			21-22
22 47	26.710	44.4	37.1	50	9															3					22-23
23 44	26.690	44.4	36.9	49	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 0344		0	0		41	37										
	0344	1	0	0	0	48	37		0								
	0946	2	0	0	0	57	36		0								
	1545	3	0	0	0	63	34		0								
	2145	4	0	0	0	62	46		0								
	MID.		0	0	0	48	44										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.840	26.700	26.710
BAROGRAPH 64	26.795	26.850	26.715	26.720
BAR. CORR. 65	-.005	-.010	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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	36	0	0	0	17	SE	1743					8	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: 1400P - ON TIME 2156P - 1 SEC SLOW

// LAST OF SEVERAL OCCURRENCES

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: 1981 JAN 23

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	0043	150 SCT E250 OVC	20			174	46	24	13	03		009	814 1037	JC
SA	0145	E150 BKN 250 OVC	20			173	47	25	04	04		009		JC
SA	0243	150 SCT E250 OVC	20			173	47	25	05	06		009		JC
SA	0351	E150 BKN 250 OVC	20			174	47	23	33	03		009	400 1037 44 RADAT 51103	EP
SA	0450	E150 BKN 250 OVC	20			159	49	24	11	14		004		EP
SA	0548	E150 BKN 250 OVC	20			153	50	23	30	08		002		EP
SA	0646	E150 BKN 250 OVC	20			158	51	22	13	10		003	517 1037	EP
SA	0751	E150 BKN 250 OVC	20			170	49	22	01	08		006		EP
SA	0846	E140 BKN 250 OVC	20			177	53	21	32	06		008		EP
SA	0950	80SCT E140 BKN 250 OVC	20			173	56	21	23	15	G22	008	514 1037 44	EP
SA	1045	80SCT 140SCT 230 SCT	20			171	58	26	21	19	G25	007		EP
SA	1149	80SCT 230SCT	20			165	60	26	21	20	G27	005		EP
SA	1246	80SCT 230SCT	20			151	61	30	22	20	G29	002	817 1031	EP
SA	1346	70SCT 230SCT	20			145	59	28	21	24	G31	000		EP
SA	1445	60SCT	20			151	55	36	22	23	G31	001		EP
SA	1549	60SCT	20			151	57	29	20	21	G32	001	503 1500 62 RADAT 66075	JC
														✓
SA	1648	50 SCT	20			143	54	25	20	21	G28	999	PK WND 2036/28	JC
SA	1749	CLR	20			155	52	27	23	19	G29	002		JC
SA	1850	CLR	20			158	51	31	21	12	G26	003	307	JC
SA	1944	CLR	20			160	49	26	22	14	G24	003		JC
SA	2046	CLR	20			158	49	25	23	14	G24	003		JC
SA	2149	CLR	20			160	49	25	23	11		004	303 1030 62	JC
SA	2251	150 SCT	20			169	46	27	22	07		007		JC
SA	2345	150 SCT	20			168	45	27	27	08		007		JC

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

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

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: W3MO, DESERT ROCK, NV

DATE: 1981 JAN 23

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 43	26.670	45.8	36.8	41	10	3	Ac	150	10	Cs	E250	10								9	8	.040			00-01
01 45	26.670	42.4	38.0	41	10															9					01-02
02 43	26.670	46.8	37.8	42	10															10					02-03
03 51	26.670	47.0	37.2	38	10	7	Ac	E150	3	Cs	250	10								10	4	.000			03-04
04 50	26.630	48.9	38.5	37	10															10					04-05
05 48	26.610	49.8	38.6	34	10															10					05-06
06 46	26.620	56.0	39.0	31	10	7	Ac	E150	3	Cs	250	10								10	5	.050			06-07
07 51	26.645	48.8	38.0	35	10															10					07-08
08 46	26.665	52.9	39.8	28	10															10					08-09
09 50	26.660	56.1	41.3	25	10	3	Ac	80	6	As	E140	7	3	Cs	250	10				9	0	.040			09-10
10 45	26.655	58.4	43.9	29	5															4					10-11
11 49	26.640	60.4	44.7	26	5															5					11-12
12 46	26.610	60.7	46.0	31	2	1	Ac	80	1	Ci	230	2								2	8	.050			12-13
13 46	26.595	58.8	44.5	30	2															2					13-14
14 45	26.600	54.6	45.2	48	3															3					14-15
15 49	26.600	56.6	44.0	35	1	1	Sc	60												1	5	.010			15-16
16 48	26.580	53.7	41.4	33	1															1					16-17
17 49	26.610	51.8	41.0	38	0															0					17-18
18 50	26.620	50.8	41.8	47	0															0	3	.020			18-19
19 44	26.620	49.2	39.4	41	0															0					19-20
20 46	26.620	48.8	38.9	40	0															0					20-21
21 49	26.630	48.7	38.8	39	0	0	Ac	150												0	3	.010			21-22
22 51	26.650	45.8	37.8	48	1															1					22-23
23 45	26.650	44.8	37.2	49	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 0347		0	0		51	44										
	0347	1	0	0	0	51	44		0								
	0946	2	0	0	0	56	47		0								
	1545	3	0	0	0	62	54		0								
	2145	4	0	0	0	58	47		0								
	MID.		0	0	0	49	44										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.660	26.600	26.630
BAROGRAPH 64	26.660	26.665	26.595	26.625
BAR. CORR. 65	+.010	-.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	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	44	0	0	0	36	5	1628					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 1338P - 1SEC SLOW 2221P - 1SEC SLOW

MF1-10B

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: 1981 JAN 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)	OBS. INITIALS (14)
SA	0048	CLR	20			169	42	25	31	07		007	107 1030	JC
SA	0144	CLR	20			178	40	23	03	09		009		JC
SA	0243	CLR	20			184	37	22	04	10		009		JC
SA	0351	CLR	20			181	35	21	15	06		008	005 1030 34 RADAT49073	EP
SA	0450	CLR	20			187	32	18	09	05		009		EP
SA	0549	CLR	20			193	30	16	10	03		010		EP
SA	0651	CLR	20			194	32	23	00	00		010	105	EP
SA	0750	CLR	20			197	31	23	00	00		011		EP
SA	0847	CLR	20			197	39	22	00	00		012		EP
SA	0947	CLR	20			194	44	22	24	04		012	107 29	EP
SA	1048	CLR	20			189	48	27	22	06		011		EP
SA	1146	CLR	20			177	51	28	24	06		008		EP
SA	1245	CLR	20			161	53	26	21	10		003	827 1100	EP
SA	1349	CLR	20			152	54	25	22	10		000		EP
SA	1444	CLR	20			154	54	24	21	11		000		EP
SA	1549	CLR	20			155	53	28	23	10		000	610 1100 55 RADAT	JC
/													50070	/
SA	1648	CLR	20			158	50	32	22	07		000		JC
SA	1746	CLR	20			161	47	27	13	04		000		JC
SA	1849	CLR	20			166	40	21	05	05		000	400	JC
SA	1943	CLR	20			171	38	19	02	07		001		JC
SA	2047	CLR	20			172	40	19	10	06		003		JC
SA	2149	CLR	20			170	40	18	05	09		003	110 55	JC
SA	2247	CLR	20			174	36	15	10	05		004		JC
SA	2345	CLR	20			170	33	15	02	06		003		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$_{ts}$ $8N_sCh\ h_s$ 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 24

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.650	41.8	35.0	51	0	0	Ac	150												0	1	.020			00-01
01 44	26.670	39.7	33.1	50	0															0					01-02
02 43	26.670	36.7	31.1	54	0															0					02-03
03 51	26.665	35.0	29.8	55	0	0	Ac	150												0	0	.015			03-04
04 50	26.670	32.0	27.5	57	0															0					04-05
05 49	26.680	29.6	25.5	57	0															0					05-06
06 51	26.680	32.0	28.3	64	0															0	1	.015			06-07
07 50	26.690	30.9	27.8	69	0															0					07-08
08 47	26.700	38.9	32.5	50	0															0					08-09
09 47	26.700	43.9	35.3	42	0															0	1	.020			09-10
10 48	26.690	47.8	38.8	44	0															0					10-11
11 46	26.660	51.3	40.8	40	0															0					11-12
12 45	26.620	52.8	41.0	35	0	0	Cu	50												0	8	.080			12-13
13 49	26.595	53.6	41.1	32	0															0					13-14
14 44	26.590	54.1	41.3	31	0															0					14-15
15 49	26.590	53.4	41.9	37	0	0	Cu	50												0	6	.030			15-16
16 48	26.590	50.4	42.0	50	0															0					16-17
17 46	26.590	47.3	38.6	45	0															0					17-18
18 49	26.590	40.2	33.0	46	0															0	4	.000			18-19
19 43	26.600	38.4	31.3	45	0															0					19-20
20 47	26.620	39.8	32.0	42	0															0					20-21
21 49	26.630	40.4	32.2	40	0															0	1	.030			21-22
22 47	26.630	35.9	28.9	42	0															0					22-23
23 45	26.620	32.7	27.0	47	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	45	34	X	X						X		
	0347	1	0	0	0	49	34		0								
	0944	2	0	0	0	45	29		0								
	1545	3	0	0	0	55	41		0								
	2145	4	0	0	0	54	37		0								
	MID.	X	0	0	0	40	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.665	26.700	26.590	26.620
BAROGRAPH 64	26.660	26.705	26.600	26.620
BAR. CORR. 65	+.005	-.005	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	29	0	0	0	15	SW	1140					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: 1630P CLOCK - 1SEC SLOW 2111P - 1SEC SLOW

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: 1981 JAN 25

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	0047	CLR	20			165	31	14	12	03		002	803	JC
SA	0148	CLR	20			165	31	13	07	04		002		JC
SA	0243	CLR	20			164	31	13	07	04		002		JC
SA	0353	CLR	20			162	32	16	36	09		002	802 30 RADAT 56H040063	[illegible]
SA	0450	CLR	20			160	36	23	01	10		001		[illegible]
SA	0550	CLR	20			160	38	23	04	13		001		[illegible]
SA	0647	CLR	20			168	37	23	05	10		002	302 1001	[illegible]
SA	0750	CLR	20			177	40	23	05	09		004		[illegible]
SA	0849	CLR	20			181	43	24	05	13		006		[illegible]
SA	0951	CLR	20			184	45	23	03	15		007	117 1001 30	[illegible]
SA	1054	CLR	20			181	47	22	04	10		006		[illegible]
SA	1150	CLR	20			174	50	21	03	08		004		[illegible]
SA	1256	CLR	20			159	51	19	01	10		999	824 1101	[illegible]
SA	1349	CLR	20			155	52	16	06	10		998		[illegible]
SA	1450	CLR	20			140	53	15	04	10		994		[illegible]
SA	1548	CLR	20			141	53	18	36	05		995	514 1100 54 RADAT 39071	US
SA	1647	CLR	20			147	52	20	27	06		997		US
SA	1749	CLR	20			155	45	18	00	00		998		US
SA	1849	CLR	20			162	41	12	09	03		000	315	US
SA	1948	CLR	20			164	39	11	05	06		000		US
SA	2048	CLR	20			168	37	16	00	00		002		US
SA	2148	CLR	20			166	38	12	14	04		002	105 54	US
SA	2245	CLR	20			166	37	10	05	03		002		US
SA	2351	CLR	20			167	35	13	00	00		002		US

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

FM11V: IIIII NddH 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1981 JAN 25

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.610	30.9	25.8	50	0															0	8	.010			00-01
01 48	26.610	30.6	25.4	48	0															0					01-02
02 43	26.610	30.5	25.3	48	0															0					02-03
03 53	26.605	32.3	27.0	50	0															0	8	.005			03-04
04 50	26.600	35.8	30.8	58	0															0					04-05
05 50	26.600	38.3	32.4	54	0															0					05-06
06 47	26.610	36.7	31.3	56	0	0	CI	300												0	3	.005			06-07
07 50	26.630	39.8	33.3	51	0															0					07-08
08 49	26.650	43.6	35.0	46	0															0					08-09
09 51	26.660	45.0	36.3	42	0	0	CI	300												0	1	.050			09-10
10 54	26.650	47.2	37.0	36	0															0					10-11
11 50	26.630	49.8	38.3	32	0															0					11-12
12 56	26.590	50.9	38.2	28	0	0	CU	90	0	CI	300	0								0	8	.070			12-13
13 49	26.580	51.7	38.0	24	0															0					13-14
14 50	26.540	53.2	38.7	22	0															0					14-15
15 48	26.550	52.8	39.0	25	0	0	CU	90												0	5	0.40			15-16
16 47	26.570	51.7	38.9	28	0															0					16-17
17 49	26.580	45.9	35.0	33	0															0					17-18
18 49	26.595	41.0	31.2	31	0															0	3	0.45			18-19
19 48	26.585	38.5	29.4	31	0															0					19-20
20 48	26.610	36.7	29.5	42	0															0					20-21
21 48	26.610	38.0	29.4	33	0															0	1	015			21-22
22 45	26.610	37.2	28.4	32	0															0					22-23
23 57	26.615	34.6	27.8	41	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 0348	X	0	0	X	33	30	X	X						X		
	0348	1	0	0	0	40	30		0								
	0948	2	0	0	0	45	32		0								
	1542	3	0	0	0	54	45		0								
	2142	4	0	0	0	53	35		0								
	MID.	X	0	0	0	38	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.605	26.600	26.550	26.610
BAROGRAPH 64	26.605	26.640	26.560	26.605
BAR. CORR. 65	0	+.020	-.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
54	30	0	0	0	17	NE	0913					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 1SEC SLOW 0558

*BAROGRAPH CHANGED RESET TO I.O CORR AT 0955

1940P 1SEC SLOW

MF1-10B

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: 1981 JAN 26

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			166	33	10	09	06		002	000	LJ
SA	0149	CLR	20			166	30	13	00	00		002		LS
SA	0249	CLR	20			169	28	10	11	04		003		LS
SA	0353	200 SCT	20			173	27	9	03	05		004	305 1001 27 RADAT	LS
—	—												55L040066	—
SA	0448	200 SCT	20			173	25	8	00	00		003		LS
SA	0553	200-BKN	20			181	26	9	10	03		004		LS
SA	0652	E220 BKN	20			188	26	10	26	04		005	305 1006	LS
SA	0747	E220 OVC	20			187	30	11	00	00		005		LS
SA	0852	E200 OVC	20			186	35	15	00	00		006		LS
SA	0952	E200 OVC	20			188	41	17	15	04		007	307 1057 25	LS
SA	1048	130 SCT E200 OVC	20			185	46	16	35	03		007		LS
SA	1151	E120 OVC	20			177	47	17	29	03		005		LS
SA	1248	E120 OVC	20			164	47	18	23	04		001	820 1021	LS
SA	1348	120 SCT E200 OVC	20			156	52	16	23	05		998		LS
SA	1452	120 SCT 200 SCT	20			155	50	17	23	08		997		LS
SA	1549	CLR	20			153	52	20	09	03		997	610 1071 52 RADAT 38068	LS
SA	1650	CLR	20			159	49	17	23	04		998		LS
SA	1748	CLR	20			169	40	12	00	00		999	CI W	LS
SA	1847	CLR	20			175	37	15	09	04		001	310 1001	LS
SA	1948	CLR	20			179	35	14	09	03		002		LS
SA	2049	CLR	20			174	34	14	10	03		002		LS
SA	2149	CLR	20			170	34	11	02	04		002	303 1001 53	LS
SA	2248	CLR	20			167	33	12	13	03		002	CS SE	LS
SA	2346	300- SCT	20			159	34	13	18	04		999		LS

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

FM11V: Iiiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR$_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT [illegible]
DATE: 1981 JAN 26
To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMID. (%) 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	26.610	32.7	26.0	38	0															0	0	000			00-01
01 49	26.610	30.1	25.9	48	0															0					01-02
02 49	26.615	27.5	22.7	47	0															0					02-03
03 53	26.625	27.3	22.5	46	3	3	Ci	200												3	3	.015			03-04
04 48	26.620	25.3	21.0	48	3															3					04-05
05 53	26.630	25.6	21.3	49	6															2					05-06
06 52	26.640	26.1	21.9	50	8	8	Cs	E220												6	3	.015			06-07
07 47	26.640	29.8	24.4	45	10															8					07-08
08 52	26.645	34.5	28.0	43	10															9					08-09
09 50	26.660	40.7	32.0	38	10	0	Ac	150	10	Cs	E200	10								9	3	.020			09-10
10 48	26.660	46.3	35.1	29	10															9					10-11
11 51	26.640	47.1	35.7	29	10															10					11-12
12 48	26.600	47.0	36.0	31	10	10	As	E120												10	8	.060			12-13
13 48	26.580	51.8	38.1	24	10															8					13-14
14 52	26.570	50.1	37.5	27	4															4					14-15
15 49	26.570	52.0	39.0	28	0	0	Ac	120	0	Ci	250	0								0	6	0.30			15-16
16 50	26.595	48.6	36.7	28	0															0					16-17
17 48	26.585	40.0	30.6	31	0															0					17-18
18 47	26.600	36.8	29.4	40	0	0	Ci	250												0	3	030			18-19
19 48	26.610	34.8	28.0	42	0															0					19-20
20 49	26.605	33.7	29.4	44	0															0					20-21
21 49	26.610	34.0	27.0	38	0	0	Ci	300												0	3	010			21-22
22 48	26.610	32.5	26.3	43	0															0					22-23
23 46	26.590	34.0	27.4	42	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 0348		0	0		35	27										
	0348	1	0	0	0	38	27		0								
	0946	2	0	0	0	41	25		0								
	1543	3	0	0	0	52	40		0								
	2142	4	0	0	0	53	33		0								
	MID.		0	0	0	35	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.660	26.570	26.610
BAROGRAPH 64	26.610	26.652	26.560	26.600
BAR. CORR. 65	+.015	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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
53	25	0	0	0	09	SW	1622					7	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 SLOW 0711
1½ SEC SLOW 0801

MF1-10A (10-78)

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

STATION 13840 DESERT ROCK NV

SURFACE WEATHER OBSERVATIONS

DATE 1981 JAN 27

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. REPORTS NITTLS (15)
SA	0050	280 - BKN	20			152	36	13	36	03		998	812 1006	LS
SA	0145	E 250 OVC	20			155	36	13	35	03		999		LS
SA	0245	160 SCT E 250 BKN	20			156	35	13	06	03		999		LS
SA	0353	130 SCT E 230 BKN	20			142	33	13	33	03		995	808 1078 32	LS
—	—												RADAT 34073	—
SA	0454	50 SCT E 130 OVC	20			147	34	14	04	05		996		LS
SA	0552	E70 BKN 130 OVC	20			153	36	13	08	04		997		LS
SA	0651	30 SCT E 70 BKN 230 OVC	20			152	37	22	09	09		996	003 1508	LS
SA	0752	M50 OVC	20			164	39	17	15	05		999	CLDS OBSCG MTNS SE	LS
SA	0849	M 40 OVC	20			167	41	15	30	04		001	CLDS OBSCG MTNS SE	LS
SA	0953	M 38 OVC	20			161	45	19	03	06		999	010 1511 32	LS
SA	1048	M 36 OVC	20			152	48	17	29	04		997		LS
SA	1154	M 35 OVC	20			139	50	21	12	07		994		LS
SA	1253	M 37 OVC	20			125	51	24	12	07		991	SWU OVR MTNS SE	LS
—	—												727 1511	—
SA	1349	M 38 OVC	20			121	51	25	15	08		990	SWU OVR MTNS SE-S	LS
SA	1450	M 32 OVC	20			113	52	26	11	10		987	SWU OVR MTNS SE	LS
SA	1550	M 35 OVC	20			116	53	26	14	06		988	MTNS OBSCD SE / 508 1511	LS
—	—	—		—			—					—	53 RADAT 98077	—
SA	1650	M 35 BKN 120 OVC	20			118	52	25	11	06		988	BINOVC NW	LS
SA	1748	M 35 BKN 120 OVC	20			120	48	24	14	06		988	BINOVC W	LS
SA	1851	40 SCT E 120 BKN	20			117	48	26	06	03		988	102 1570	LS
SA	1946	40 SCT E 120 BKN	20			119	47	26	32	07		988		LS
SA	2047	M 35 BKN 120 OVC	20			116	48	26	18	03		988		LS
SA	2149	40 SCT E 120 BKN 250 BKN	20			116	46	27	18	03		988	400 1571 53	LS
SA	2247	40 SCT E 120 BKN 250 BKN	20			117	50	23	21	09		990		LS
SA	2351	50 SCT 120 SCT 250 SCT	20			119	49	28	24	09		988		LS

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

FM11V: Iliii 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 JAN 27

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.595	35.9	28.5	39	6	6	ci	280												3	8	035			00-01
01 45	26.590	35.8	28.4	39	10															7					01-02
02 45	26.585	34.7	27.8	41	8															5					02-03
03 53	26.550	33.3	27.0	43	8	4	Ac	130	4	cs	E280	8								7	8	.025			03-04
04 54	26.560	34.2	27.6	42	10															9					04-05
05 52	26.565	36.0	28.5	38	10															9					05-06
06 51	26.560	38.5	32.0	50	10	1	sc	30	5	sc	E70	6	4	cs	230	10				9	0	.010			06-07
07 52	26.590	38.6	30.9	41	10															10					07-08
08 49	26.600	41.2	32.1	35	10															10					08-09
09 53	26.590	44.7	35.0	36	10	10	sc	M38												10	0	.030			09-10
10 48	26.570	47.5	36.1	30	10															10					10-11
11 54	26.540	49.8	38.3	32	10															10					11-12
12 53	26.510	50.8	39.4	34	10	10	sc	M37												10	7	.080			12-13
13 49	26.500	51.3	40.0	35	10															10					13-14
14 50	26.480	51.9	40.6	36	10															10					14-15
15 50	26.485	52.8	41.0	34	10	10	sc	M35												10	5	025			15-16
16 50	26.490	52.0	40.4	35	10															7					16-17
17 48	26.490	48.3	38.1	37	10															8					17-18
18 51	26.490	48.0	38.6	42	9	4	sc	40	5	Ac	E120	9								8	1	005			18-19
19 46	26.490	47.4	38.2	42	9															7					19-20
20 47	26.490	48.0	38.4	42	10															10					20-21
21 49	26.490	46.2	38.0	47	7	4	sc	40	2	Ac	E120	6	1	ci	250	7				4	4	000			21-22
22 47	26.505	49.7	38.7	35	7															5					22-23
23 51	26.485	48.7	39.5	44	5															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		36	33										
	0349	1	0	0	0	36	32		0								
	0949	2	0	0	0	45	33		0								
	1542	3	0	0	0	53	44		0								
	2143	4	0	0	0	53	46		0								
	MID.		0	0	0	50	46										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.590	26.485	26.490
BAROGRAPH 64	26.540	26.570	26.470	26.480
BAR. CORR. 65	+.010	+.020	+.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
53	33	0	0	0	19	SW	2221					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: CLOCK 2 SEC SLOW 0715
1½ SEC SLOW 1855

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: DESERT ROCK, NV

DATE: 1981 JAN 28

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	40 SCT E120 BKN 250 BKN	20			101	50	26	24	12		986	807 1571	US
SA	0146	40 SCT E 120 BKN	20			100	49	22	24	11		986		US
SA	0246	40 SCT E 120 BKN	20			099	49	24	23	14		985		US
SA	0350	M45 OVC	20			098	49	27	23	13		985	603 15// 46	US
—	—												RADAT 75072	—
SP	0445	10 SCT M25 OVC	15		RW-				21	15		987	RB26	US
SA	0449	10 SCT M25 OVC	15		RW-	108	45	32	22	13		987	RB26	US
SP	0549	10 SCT M17 OVC	10		RW-				22	12		988		US
SA	0549	M17 BKN 22 OVC	10		R-	120	40	37	18	10		990	R- OCNLY R	US
RS	0647	8 SCT M17 OVC	10		R-	112	41	39	18	08		987	00709 16//	US
SP	0726	8 SCT 17 SCT M30 OVC	20						11	08		985	RE13	US
SA	0751	17 SCT M35 OVC	20			105	43	36	11	14		985	RE13	US
SA	0846	M30 OVC	20			112	43	37	29	05		987	HIR CLDS VSB THRU OVC	US
SA	0952	M30 BKN 120 BKN 230 OVC	20			110	47	36	24	04		987	MTNS OBSCD SE/50012	US
—	—												1771 40	—
SA	1051	30 SCT 120 SCT E230 BKN	20			102	50	36	19	14	G25	986		US
SA	1148	M40 BKN 230 OVC	20			098	51	37	22	11	G24	985		US
SA	1251	M35 BKN 180 OVC	20			091	49	35	21	15		983	814 1721	US
SA	1351	M30 BKN 180 BKN 250 OVC	20			089	49	34	21	16		982		US
SA	1452	M35 BKN 180 BKN 250 OVC	20			088	52	34	21	14	G24	982		US
SA	1546	M35 BKN 160 BKN	20			091	49	34	19	15	G23	983	500 1720 52 RADAT	US
	—	—	—				—			—			85066	—
SA	1650	35 SCT E 160 BKN 250 BKN	20			097	48	34	18	13		984	CLDS TPG MTNS S	US
SA	1748	35 SCT E 120 BKN	20			105	47	33	18	11	G18	985	SCUD OVR MTNS E	US
RS	1852	M22 OVC	20		RW-	122	39	35	30	13	G21	988	~~RB38~~ 31700 17// RB38	US
RS	1948	25 SCT E 35 BKN 120 BKN	20			120	41	36	04	04		988	RE22	US
SA	2049	35 SCT 120 SCT	20			126	39	35	25	09		991		US
SA	2149	35 SCT 120 SCT	20			123	41	32	26	09		991	10500 1570 52	US
SA	2246	CLR	20			124	39	31	26	03		991	FEW AC SE	US
SA	2349	CLR	20			124	35	30	36	02		991		US

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

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

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 JAN 28

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.470	50.0	39.6	38	7	4	SC	40	3	AC	E120	7	0	CI	250	7				5	8	020			00-01
01 46	26.465	49.0	38.1	34	8															6					01-02
02 46	26.460	48.9	38.5	37	8															6					02-03
03 50	26.460	48.8	39.2	42	10	10	SC	M45												10	6	.010			03-04
04 49	26.480	45.1	39.2	60	10															10					04-05
05 49	26.520	40.2	38.5	87	10															10					05-06
06 47	26.480	40.8	39.8	92	10	3	ST	8	10	ST	M17	10								10	0	.020			06-07
07 51	26.460	42.6	39.6	78	10															10					07-08
08 46	26.480	43.2	40.0	77	10															9					08-09
09 52	26.480	46.8	41.7	66	10	8	CUFRA	M30	1	AC	120	9	1	CI	230	10				9	5	.000			09-10
10 51	26.470	48.8	43.1	59	9															7					10-11
11 48	26.460	51.0	44.0	58	10															9					11-12
12 51	26.440	48.6	42.1	59	10	9	CUFRA	M35	1	AS	180	10								10	8	.040			12-13
13 51	26.430	49.4	42.2	56	10															9					13-14
14 52	26.430	51.5	43.3	52	10															8					14-15
15 46	26.440	49.4	42.3	56	8	6	CUFRA	M35	2	AS	160	8								7	5	.000			15-16
16 50	26.450	47.5	41.0	58	6															5					16-17
17 48	26.460	46.7	40.5	59	7															6					17-18
18 52	26.490	39.3	37.5	86	10	10	ST	M22												10	3	.050			18-19
19 48	26.490	40.7	38.5	84	6															5					19-20
20 47	26.505	39.1	37.1	84	2															2					20-21
21 49	26.505	41.0	37.0	70	2	1	SC	35	1	AC	120	2								2	1	.015			21-22
22 46	26.510	39.2	35.7	72	0															0					22-23
23 49	26.505	35.1	33.0	81	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 0347	X	0	0	X	50	48	X	X						X		
	0347	1	0	0	0	50	46		0								
	0947	2	.12	0	0	50	40		1								
	1540	3	0	0	0	52	47		1								
	2149	4	T	0	0	50	39		1								
	MID.	X	0	0	0	41	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.480	26.440	26.525
BAROGRAPH 64	26.450	26.470	26.440	26.520
BAR. CORR. 65	+.010	+.010	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
52	35	.12	0	0	28	SW	1058					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0426	0525			
R	0525	0545			
R-	0545	0713			
RW-	1838	1922			

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 SLOW 0710
CLOCK 1½ SEC SLOW 1909

MF1-10B

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: 1981 JAN 29

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	CLR	20			123	36	31	07	04		990	802 1501	DS
SA	0145	CLR	20			127	35	30	02	06		991		DS
SA	0245	CLR	20			128	34	29	03	09		991		DS
SA	0348	CLR	20			128	36	29	06	03		991	105 34 20012 RADAT 52063	JK
SA	0450	CLR	20			129	35	28	06	03		991	AC S	JK
SA	0555	E150 BKN	20			129	37	29	23	04		991		JK
SA	0653	70 SCT E150 BKN	20			132	41	28	11	08		991	400 1540	JK
SA	0748	70 SCT E150 BKN	20			132	44	30	20	15		993		JK
SA	0850	50 SCT 70 SCT E150 BKN	20			137	46	32	19	20G	32	994	MTN TPS OBSC S AND NNW	JK
SA	0949	45 SCT 70 SCT E150 BKN	20			128	49	31	19	21G	37	992	*002 1870 34	JK
/													*PK WND 1937/43	/
SA	1049	M45 BKN 70 BKN	20			134	48	31	18	15G	30	994	PK WND 1944/22	JK
SA	1145	45 SCT E120 OVC	20		~~RW-~~	123	49	32	18	19G	28	989	RW- B01 E32 SW U S AND NW	JK
SA	1250	M45 BKN 120 OVC	20		RW-	113	49	32	19	18G	31	987	RW- B30 81500 1571	JK
SA	1352	M45 BKN 120 OVC	20			108	49	31	20	14G	32	985	RW- E22 SW U SE	JK
SA	1451	M 45 OVC	20		RW-	104	49	34	19	20G	31	984	RB45 SW U SE-S AND NW	JK
SA	1550	M 38 OVC	10		RW-	107	48	33	20	20G	31	985	SW U S VSBY LWRS 50500	JK
/													15//49 RADAT 00063	/
SA	1645	M 32 OVC	10		RW-	121	42	38	20	18G	26	988	MTN TOPS OBSCD ALQDS	RK
RS SA	1748	M 26 OVC	10		R	127	41	37	20	16G	24	990	MTN TOPS OBSCD ALQDS	RK
RS SA	1845	E 30 BKN 75 OVC	20			111	43	36	19	19G	29	986	RE19 00218 1521	RK
SA	1945	30 SCT 70 SCT E90 OVC	20			122	43	32	21	18G	25	989		RK
SA	2045	90 SCT	20		122	114	42	26	19	16G	23	990		RK
SA	2145	CLR	20			124	40	27	20	19G	26	991	31518 1040 49	RK
SA	2245	CLR	20			125	39	26	21	17G	29	991		RK
SA	2345	CLR	20			132	40	22	22	14G	21	993		RK
								23						

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 $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_w$ [illegible] $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO: 1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NV

DATE: 1981 JAN 29

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.500	36.0	33.7	80	0	0	Sc	K0	0	Cl	250	0								0	8	005			00-01
01 45	26.510	34.6	32.6	83	0															0					01-02
02 45	26.515	34.0	32.0	82	0															0					02-03
03 48	26.515	36.0	33.0	75	0															0	1	.015			03-04
04 50	26.515	35.1	32.2	75	0															0					04-05
05 55	26.515	37.3	33.8	72	6															5					05-06
06 53	26.515	40.9	35.4	59	6	3	Sc	70	3	AC	E150	6								5	4	.000			06-07
07 48	26.525	44.1	37.8	57	8															7					07-08
08 50	26.540	45.8	39.2	57	8															8					08-09
09 49	26.520	48.7	40.5	50	7	3	Sc	45	1	C4	70	4	3	AC	E150	7				7	0	.005			09-10
10 49	26.535	47.8	40.2	52	9															9					10-11
11 45	26.495	48.8	41.0	52	10															10					11-12
12 50	26.475	48.8	41.0	52	10	6	Sc	M45	4	AC	120	10								10	8	.045			12-13
13 52	26.460	49.3	40.8	49	10															10					13-14
14 51	26.450	49.2	42.0	56	10															10					14-15
15 50	26.460	48.2	41.1	55	10	10	Sc	M38												10	5	.015			15-16
16 45	26.485	41.8	40.0	86	10															10					16-17
17 48	26.500	40.7	39.1	88	10															10					17-18
18 45	26.465	42.7	39.5	77	10	7	Sc	E30	3	As	75	10								10	0	005			18-19
19 45	26.495	43.0	38.2	66	10															10					19-20
20 45	26.500	42.2	35.5	52	4															4					20-21
21 45	26.510	40.1	34.8	60	0	0	Ac	100												0	3	045			21-22
22 45	26.510	39.3	33.8	57	0															0					22-23
23 45	26.530	39.6	33.3	52	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	36	34	X	X						X		
	0344	1	0	0	0	41	39		0								
	0945	2	0	0	0	49	35		0								
	1544	3	T	0	0	49	48		1								
	2141	4	.18	0	0	48	40		1								
	MID.	X	0	0	0	40	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.515	26.520	26.460	26.530
BAROGRAPH 64	26.500	26.520	26.455	26.520
BAR. CORR. 65	+.015	+.0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Inz.) 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
49	34	.18	0	0	44	S	1022					9	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1101	1132			
RW-	1230	1322			
RW-	1445	1710			
R	1710	1819			

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: 0605 2 SEC SLOW 1830 2 SEC SLOW

BAROGRAPH Changed Reset To Zero CDR 1000 P

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: 1981 JAN 30

TO CONVERT LST TO GMT: ADD 4 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0045	CLR	20			124	39	24	21	20G	27	991	000 1040	RK
SA	0148	CLR	20			124	39	27	22	19G	28	991		RK
SA	0250	CLR	20			128	39	25	23	14G	22	992		RK
SA	0348	50 SCT	20			146	37	27	26	12		996	8317 1500 37 20018	JK
/								28				998	RADAT 57052	/
SA	0450	CLR	20			156	37	28	25	10		998		JK
SA	0549	CLR	20			157	36	27	27	08		998		JK
SA	0648	CLR	20			166	35	27	27	10		001	214 1500	JK
SA	0751	CLR	20			169	37	28	27	08		003	FEW Sc And Ci	JK
SA	0849	250 - SCT	20			176	39	28	25	10		005		JK
SA	0951	35 SCT 250 - SCT	20			183	40	28	24	08		006	217 1501 35	JK
SA	1047	35 SCT 250 - SCT	20			181	42	29	24	10		006		JK
SA	1150	E35 BKN 250 BKN	20			173	43	29	26	09		004	TCu 5	JK
SA	1248	M32 BKN 250 BKN	20			167	44	27	23	07		003	TCu SE 812 1201	JK
SA	1350	M38 BKN 250 BKN	20			165	46	24	33	04		002	CB NW-NE	JK
SA	1450	M40 BKN 250 BKN	20			163	47	27	25	09		002	CB NW-NE	JK
SA	1548	E35 BKN 250 OVC	20			174	44	27	29	07		004	CB ALQDS VIRGA W-NE	RK
/													305 1901 47 RADAT 66055	/
SA	1646	25 SCT 35 SCT E250 OVC	20			175	43	25	00	00		004	MTN TOPS OBSCD SE	RK
SA	1745	35 SCT E250 BKN	20			178	40	26	31	05		004		RK
SA	1848	250 - SCT	20			184	37	30	33	04		005	303 1801	RK
SA	1945	250 - SCT	20			185	37	29	32	06		006		RK
SA	2045	250 - SCT	20			192	37	27	01	05		008		RK
SA	2145	90 SCT 250 - SCT	20			200	37	27	22	06		011	217 1032 47	RK
SA	2245	90 SCT 250 - SCT	20			204	35	25	28	05		012		RK
SA	2345	CLR	20			203	31	24	29	05		011		RK

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

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR,s $8N_sCh$ 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.510	39.2	33.2	54	0	0	Ac	90												0	0	000			00-01
01 48	26.510	39.0	34.0	61	0															0					01-02
02 50	26.520	38.8	33.4	58	0															0					02-03
03 48	26.560	37.1	33.0	66	1	1	Sc	50												1	3	.050			03-04
04 50	26.575	36.8	33.0	69	0															0					04-05
05 49	26.580	36.1	32.4	69	0															0					05-06
06 48	26.600	35.2	31.8	71	0	0	Sc	50												0	2	.040			06-07
07 51	26.615	36.8	33.0	69	0															0					07-08
08 49	26.635	38.7	34.1	64	1															0					08-09
09 51	26.650	40.1	35.1	62	4	1	Sc	35	3	Ci	250	4								1	2	.050			09-10
10 47	26.650	41.5	36.1	61	4															1					10-11
11 50	26.630	43.0	37.0	59	7															5					11-12
12 48	26.615	44.1	36.9	51	7	6	Tcu	M32	1	Ci	250	7								5	8	.035			12-13
13 50	26.610	46.1	36.8	41	8															6					13-14
14 50	26.605	46.6	38.1	46	8															6					14-15
15 48	26.630	43.8	38.6	63	10	6	CB	E35	4	Ci	250	10								8	3	015			15-16
16 46	26.630	42.5	35.3	49	10															7					16-17
17 45	26.630	39.5	34.2	59	6															4					17-18
18 48	26.640	37.0	34.0	75	3	0	Sc	35	0	Cu	40	0	3	Ci	250	3				1	3	010			18-19
19 45	26.645	37.2	33.8	72	3															1					19-20
20 45	26.665	37.1	33.0	67	3															1					20-21
21 45	26.690	36.5	32.5	67	5	2	Ac	90	3	Ci	250	5								2	2	050			21-22
22 45	26.700	35.0	31.0	66	5															2					22-23
23 45	26.690	31.1	28.6	74	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	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	40	37		0								
	0945	2	0	0	0	40	35		0								
	1544	3	0	0	0	47	40		0								
	2141	4	0	0	0	44	36		0								
	MID.	X	0	0	0	37	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.650	26.630	26.690
BAROGRAPH 64	26.540	26.640	26.610	26.670
BAR. CORR. 65	+.020	+.010	+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
47	31	0	0	0	35	SW	0230								

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: 0600 2 Sec Slow / 1745 2 Sec Slow

MF1-10B

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: 1981 JAN 31

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0045	CLR	20			204	33	22	32	08		012	303 1001	RK
SA	0145	CLR	20			206	29	22	03	03		012		RK
SA	0250	CLR	20			209	29	20	04	05		013		RK
SA	0351	CLR	20			210	29	20	30	08		013	103 1001 29 RADAT L2L035039	JK
SA	0447	CLR	20			214	31	16	05	09		014		JK
SA	0545	CLR	20			220	29	17	05	08		015		JK
SA	0648	CLR	20			232	27	17	05	05		017	314 1500	JK
SA	0746	CLR	20			237	31	19	07	06		019	Sc SE and NW	JK
SA	0847	CLR	20			241	36	16	34	08		022		JK
SA	0946	CLR	20			242	38	19	30	04		023	215 1500 26	JK
SA	1048	CLR	20			240	41	15	28	05		023		JK
SA	1150	CLR	20			235	42	18	35	03		020	Cu NW	JK
SA	1248	CLR	20		227	235	45	16	34	08		018	812 1100	JK
SA	1349	CLR	20			224	46	18	34	10		017	Cu ALQDS	JK
SA	1450	CLR	20			224	45	17	35	08		017	FEW Cu	JK
SA	1547	CLR	20			230	47	19	34	10		019	FEW CUE 302 1100 47	RK
													RADAT 43056	RK
SA	1645	CLR	20			227	45	22	08	04		018		RK
SA	1745	CLR	20			232	42	22	07	05		019		RK
SA	1845	CLR	20			242	40	22	04	04		021	305	RK
SA	1945	CLR	20			245	37	23	07	03		022		RK
SA	2045	CLR	20			246	35	22	01	09		023		RK
SA	2145	CLR	20			250	36	21	36	07		025	212 47	RK
SA	2245	CLR	20			253	35	22	05	12		026		RK
SA	2345	CLR	20			249	34	21	03	09		025		RK

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

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_tr$ $8N_sCh$ 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 JAN 31

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.700	32.8	29.0	65	0	0	Ci	250												0	3	010			00-01
01 45	26.700	29.0	26.6	73	0															0					01-02
02 50	26.710	29.3	26.3	68	0															0					02-03
03 51	26.710	29.3	26.3	68	0	0	Ci	250												0	1	.010			03-04
04 47	26.720	31.2	26.5	54	0															0					04-05
05 45	26.730	29.0	25.2	59	0															0					05-06
06 48	26.750	26.8	24.0	66	0	0	Sc	40												0	3	.040			06-07
07 46	26.770	31.2	27.1	60	0															0					07-08
08 47	26.790	35.5	28.9	45	0															0					08-09
09 46	26.795	38.1	31.1	46	0	0	Sc	40												0	2	.045			09-10
10 48	26.795	41.2	32.1	34	0															0					10-11
11 50	26.775	42.0	33.1	37	0															0					11-12
12 48	26.760	44.5	34.2	31	0	0	Cu	40												0	8	.035			12-13
13 49	26.750	45.5	35.1	33	0															0					13-14
14 50	26.745	45.1	34.7	32	0															0					14-15
15 47	26.765	46.8	36.0	32	0	0	Cu	40												0	3	005			15-16
16 45	26.760	45.2	35.9	39	0															0					16-17
17 45	26.765	41.6	34.1	46	0															0					17-18
18 45	26.780	40.1	33.1	48	0															0	3	015			18-19
19 45	26.790	36.6	31.4	57	0															0					19-20
20 45	26.800	35.0	30.3	59	0															0					20-21
21 45	26.815	36.2	30.5	53	0															0	2	035			21-22
22 45	26.825	34.5	29.8	59	0															0					22-23
23 45	26.815	34.0	29.3	58	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	33	29	X	X						X		
	0345	1	0	0	0	37	29		0								
	0944	2	0	0	0	38	26		0								
	1544	3	0	0	0	47	38		0								
	2142	4	0	0	0	47	34		0								
	MID.	X	0	0	0	36	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.795	26.765	26.815
BAROGRAPH 64	26.690	26.780	26.745	26.800
BAR. CORR. 65	+.020	+.015	+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
47	26	0	0	0	19	N	1328					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: 0930 2 Sec Slow / 1250 2 Sec Slow

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 6.