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: December

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.)	PER CENT 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	55	32	44		21					6.4	16	NE	26.7	80	2		64	43	36	55
2	57	32	45		20					4.3	11	SW	26.7	28	0		89	48	40	84
3	66	35	51		14					6.3	19	NE	26.7	84	0		89	42	27	42
4	61	40	51		14					6.5	16	E	26.7	90	10		55	46	34	47
5	65	35	50		15					4.5	12	NE	26.7	58	3		69	41	29	68
6	64	33	49		16					3.8	10	SW	26.7	20	1		78	37	31	63
7	66	34	50		15					3.4	9	NE	26.7	54	0		74	40	32	59
8	67	36	52		13					5.3	16	SE	26.7	56	1		74	36	28	57
9	64	38	51		14					6.2	17	SE	26.7	10	9		69	37	34	43
10	62	45	54		11					6.5	14	SE	26.6	78	9		46	38	40	52
11	62	37	50		15					4.1	11	SW	26.6	26	3		61	43	35	76
12	58	32	45		20					2.9	10	SW	26.5	88	7		81	64	37	65
13	60	32	46		19					3.8	14	SW	26.7	30	4		72	48	24	67
14	63	36	50		15					3.0	11	SW	26.8	23	10		64	49	31	53
15	60	35	48		17					3.8	12	SW	26.6	75	3		67	46	39	69
16	60	36	48		17					9.8	23	NE	26.7	18	5		77	40	26	26
17	58	39	49		16					11.7	19	NE	26.8	50	9		30	16	16	33
18	54	33	44		21					4.9	12	E	26.7	83	10		41	29	19	39
19	61	38	50		15					6.0	16	SE	26.7	00	4		39	20	17	33
20	68	35	52		13					12.5	45	S	26.5	40	0		47	33	42	47
21	59	42	51		14					11.2	31	SW	26.5	45	5		53	34	21	42
22	48	27	38		27					8.1	21	NE	26.7	75	7		62	37	16	26
23	47	27	37		28					9.1	19	NE	26.7	60	3		46	54	23	34
24	48	24	36		29					4.1	14	SE	26.7	88	5		43	31	21	44
25	56	29	43		22					4.4	14	SW	26.6	45	10		45	29	32	56
26	54	29	42		23					4.8	14	W	26.5	05	10		58	41	28	52
27	57	33	45		20					5.4	12	NE	26.4	55	10		64	64	48	42
28	55	29	42		23					3.0	10	SW	26.5	86	10		63	47	45	74
29	51	30	41		24					3.7	11	E	26.5	35	9		84	50	42	59
30	57	37	47		18					7.2	20	S	26.4	31	9		62	49	57	85
31	55	35	45		20					6.3	24	S	26.4	28	10		92	74	58	62
SUM	1818	1055	—	—	569	0	0	0	—	183.0	—	—	826.9	44	178	—	1958	1306	1008	1654
AVG	58.7	34.0	—	—	—	—	—	—	—	5.9	FASTEST 45	DIRECTION S	POSSIBLE 26.6	% 76	5.7	—	63.2	42.1	32.5	53.4
										MISC. →						—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 46.3

DEPARTURE FROM NORMAL —

HIGHEST 68 ON 20

LOWEST 24 ON 24

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 11

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 569

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 1057

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 2472

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH 0 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily 0 ON —

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~IN 24 HRS.~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 11

PARTLY CLOUDY (Scale 4–7) 7

CLOUDY (Scale 8–10) 13

WITH 0.01 INCH OR MORE PRECIP. 0

WITH 0.10 INCH OR MORE PRECIP. 0

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

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~~ 26.900 IN. ON 17

LOWEST ~~SEA LEVEL~~ 26.310 IN. ON 31

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

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

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 01

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0047	CLR	20			244	35	26	02	05		025	603	JK
SA	0153	CLR	20			242	36	26	05	07		025		JK
SA	0250	CLR	20			242	37	24	02	10		025		JK
SA	0346	CLR	20			246	35	24	04	09		025	400 34 RADAT 47064	SH
SA	0445	CLR	20			251	35	23	09	10		026		SH
SA	0546	CLR	20			253	35	22	03	05		026		SH
SA	0647	CLR	20			258	33	26	16	06		027	207 1001	SH
SA	0745	CLR	20			258	37	26	26	04		027	FEW CI	SH
SA	0846	250 SCT	20			251	40	24	24	03		026		SH
SA	0947	E250 BKN	20			246	45	24	10	03		025	807 1002 32	SH
SA	1048	E250 BKN	20			238	47	25	12	07		023		SH
SA	1146	250 -SCT	20			221	50	25	32	05		018		SH
SA	1245	250 SCT	20			212	52	26	32	05		016	727 1002	SH
SA	1345	250 - SCT	20			208	53	27	01	10		015		SH
SA	1446	250 -SCT	20			207	54	26	04	08		015		SH
SA	1548	250 SCT	20			205	55	28	06	04		014	807 1001 55 RADAT 36131	JK
SA	1647	250 SCT	20			206	51	29	10	05		014		JK
SA	1746	CLR	20			211	44	33	07	08		014		JK
SA	1850	CLR	20			222	43	32	25	02		016	307 1001	JK
SA	1945	CLR	20			219	43	31	09	06		017		JK
SA	2049	CLR	20			222	44	29	04	10		018		JK
SA	2151	CLR	20			220	44	29	06	10		018	107 55	JK
SA	2256	CLR	20			220	41	31	23	04		018		JK
SA	2345	CLR	20			220	39	30	09	08		018		JK

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

FM11V: IIiii Nddff VVwwW PPPTT $Y_hC_LhC_MC_H$ T_dT_dapp $6P_0P_0P_0P_0$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1930-0-665-115 (1108)

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 01

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	26.820	34.9	31.3	69	0															0	6	.010			00-01
01 53	26.820	35.9	31.9	67	0															0					01-02
02 50	26.820	32.1	31.9	58	0															0					02-03
03 46	26.820	35.0	30.8	64	0															0	4	.000			03-04
04 45	26.830	35.2	30.7	61	0															0					04-05
05 46	26.830	35.1	30.4	59	0															0					05-06
06 47	26.840	32.6	30.0	75	0	0	Ci	250												0	2	.020			06-07
07 45	26.840	37.4	33.0	64	0															0					07-08
08 46	26.830	40.0	33.8	53	1															1					08-09
09 47	26.820	45.2	36.6	43	6	6	Ci	250												6	8	.020			09-10
10 48	26.800	47.2	38.0	42	6															4					10-11
11 46	26.760	50.2	39.4	36	3															1					11-12
12 45	26.740	52.0	40.6	36	2	2	Ci	250												2	7	.080			12-13
13 45	26.730	53.3	41.7	36	2															1					13-14
14 46	26.730	54.4	42.0	34	2															0					14-15
15 48	26.720	54.7	42.7	36	1	1	Ci	250												1	8	.020			15-16
16 47	26.720	51.0	41.0	42	1															1					16-17
17 46	26.720	44.2	39.0	64	0															0					17-18
18 50	26.740	42.9	38.0	65	0	0	Ci	250												0	3	.020			18-19
19 45	26.750	43.3	37.8	61	0															0					19-20
20 49	26.760	44.0	37.6	56	0															0					20-21
21 51	26.760	43.8	37.3	55	0															0	1	.020			21-22
22 56	26.760	40.8	36.6	68	0															0					22-23
23 45	26.760	39.1	35.1	68	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	37	34	X	X						X		
	0342	1	0	0	0	40	34		0								
	0943	2	0	0	0	45	32		0								
	1544	3	0	0	0	55	45		0								
	2143	4	0	0	0	55	42		0								
	MID.	X	0	0	0	44	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.820	26.720	26.760
BAROGRAPH 64	26.820	26.820	26.730	26.760
BAR. CORR. 65	0	0	-.010	+.10

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
55	32	0	0	0	16	NE	0424					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0740P - 1 SEC SLOW 2210 1 SEC SLOW

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1981 DEC 0 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	0048	CLR	20			217	38	32	08	05		017	803	JK
SA	0147	CLR	20			216	35	31	07	04		017		JK
SA	0251	CLR	20			214	37	30	13	04		017		JK
SA	0353	CLR	20			216	33	30	02	03		017	400 33 RADAT 21125	[illegible]
SA	0450	CLR	20			215	33	30	09	04		016		[illegible]
SA	0548	CLR	20			223	32	30	09	05		017		[illegible]
SA	0650	CLR	20			228	33	30	08	03		018	303	[illegible]
SA	0753	CLR	20			228	37	32	13	06		019		[illegible]
SA	0846	CLR	20			229	44	33	16	03		019		[illegible]
SA	0950	CLR	20			221	49	30	00	00		019	103 32	[illegible]
SA	1049	CLR	20			211	53	32	10	02		017		[illegible]
SA	1153	CLR	20			201	56	33	27	05		015		[illegible]
SA	1248	CLR	20			195	57	33	21	06		013	722	[illegible]
SA	1348	CLR	20			189	57	33	24	08		010		[illegible]
SA	1450	CLR	20			177	57	34	22	09		007		[illegible]
SA	1546	CLR	20			181	57	33	23	10		007	615 57 RADAT 20129	JK
SA	1650	CLR	20			191	52	36	09	03		010		JK
SA	1749	CLR	20			200	46	36	07	06		011		JK
SA	1848	CLR	20			203	44	36	12	02		012	314	JK
SA	1947	CLR	20			203	41	34	09	02		012		JK
SA	2049	CLR	20			208	39	35	07	04		014		JK
SA	2146	CLR	20			209	39	35	06	03		015	310 57	JK
SA	2250	CLR	20			201	40	34	13	02		014		JK
SA	2349	CLR	20			205	38	34	09	05		015		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 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 02

To convert LST to GMT ADD 4 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.750	37.6	35.0	79	0															0	8	.010			00-01
01 47	26.750	35.3	33.4	83	0															0					01-02
02 51	26.750	36.9	34.1	76	0															0					02-03
03 53	26.750	33.2	32.0	89	0															0	4	.000			03-04
04 50	26.740	33.3	32.1	89	0															0					04-05
05 48	26.750	32.0	31.1	91	0															0					05-06
06 50	26.760	33.2	32.0	89	0															0	3	.010			06-07
07 53	26.770	37.1	34.8	81	0															0					07-08
08 46	26.770	43.9	38.8	64	0															0					08-09
09 50	26.770	48.7	40.3	48	0															0	1	.010			09-10
10 49	26.750	53.2	43.2	44	0															0					10-11
11 53	26.725	55.9	44.7	41	0															0					11-12
12 48	26.705	57.2	45.4	39	0															0	7	.065			12-13
13 48	26.680	56.8	45.2	40	0															0					13-14
14 50	26.660	57.0	45.7	42	0															0					14-15
15 46	26.660	56.9	45.3	40	0															0	6	.045			15-16
16 50	26.680	51.8	44.2	55	0															0					16-17
17 49	26.690	45.8	41.0	67	0															0					17-18
18 48	26.700	44.0	40.0	72	0															0	3	.040			18-19
19 47	26.700	41.0	38.0	77	0															0					19-20
20 49	26.720	38.5	36.9	87	0															0					20-21
21 46	26.730	39.0	37.0	84	0															0	3	.030			21-22
22 50	26.720	39.5	37.0	81	0															0					22-23
23 49	26.730	37.5	35.8	86	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	39	33	X	X						X		
	0349	1	0	0	0	44	33		0								
	0946	2	0	0	0	49	32		0								
	1543	3	0	0	0	57	49		0								
	2144	4	0	0	0	57	38		0								
	MID.	X	0	0	0	40	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.770	26.660	26.730
BAROGRAPH 64	26.745	26.770	26.670	26.720
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
57	32	0	0	0	11	SW	1440					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 1 SEC SLOW 0710 1600 1 Sec Slow

MF1L-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 DEC 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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	CLR	20			203	38	34	11	05		015	500	JK
SA	0148	CLR	20			205	39	33	09	04		015		JK
SA	0250	CLR	20			205	37	33	16	04		015		JK
SA	0352	CLR	20			210	35	32	33	03		016	303 35 RADAT 20131	KK
SA	0446	CLR	20			212	37	32	04	08		016		KK
SA	0546	CLR	20			224	39	31	11	06		018		KK
SA	0648	CLR	20			231	39	31	12	06		021	314	KK
SA	0753	CLR	20			243	43	32	12	04		024		KK
SA	0847	CLR	20			248	47	33	14	03		026		KK
SA	0953	CLR	20			242	54	31	22	03		026	115 35	KK
SA	1051	CLR	20			238	57	29	10	04		025		KK
SA	1152	CLR	20			231	60	33	12	07		023		KK
SA	1254	CLR	20			215	64	32	17	02		019	819 1001	KK
SA	1353	CLR	20			211	64	28	01	12		018		KK
SA	1450	CLR	20			212	64	25	13	11		018		KK
SA	1550	CLR	20			215	61	27	21	06		018	603 1005 66 RADAT 20130	WRG
SA	1650	CLR	20			225	55	29	21	03		021	FEW CI NW	WRG
SA	1750	CLR	20			234	47	32	01	05		022		WRG
SA	1850	CLR	20			241	47	30	06	05		024	217	WRG
SA	1950	250 -SCT	20			243	46	29	02	08		025		WRG
SA	2050	250 -SCT	20			234	51	25	05	17		024		WRG
SA	2150	250 -SCT	20			232	48	26	06	09		024	000 1001 66	WRG
SA	2250	250 -SCT	20			228	50	25	08	06		024		WRG
SA	2350	250 -SCT	20			224	50	26	09	09		023		WRG

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

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

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 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	37.5	35.8	86	0															0	5	.000			00-01
01 48	26.730	38.6	36.1	80	0															0					01-02
02 50	26.730	36.9	35.1	85	0															0					02-03
03 52	26.740	34.8	33.5	89	0															0	3	.010			03-04
04 46	26.740	37.2	35.0	82	0															0					04-05
05 46	26.760	37.6	35.4	74	0															0					05-06
06 48	26.780	37.0	35.4	79	0															0	3	.040			06-07
07 53	26.810	43.1	38.1	64	0															0					07-08
08 47	26.825	46.7	40.5	60	0															0					08-09
09 53	26.825	53.6	43.1	42	0															0	1	.045			09-10
10 51	26.820	57.0	44.0	34	0															0					10-11
11 52	26.800	59.8	46.7	36	0															0					11-12
12 54	26.770	64.1	48.3	30	0	0	CI	250												0	8	.055			12-13
13 53	26.760	64.1	47.1	26	0															0					13-14
14 50	26.760	63.8	46.0	22	0															0					14-15
15 50	26.760	61.3	45.5	27	0	0	CI	250												0	6	.010			15-16
16 50	26.790	55.0	43.2	37	0															0					16-17
17 50	26.790	46.8	40.0	56	0															0					17-18
18 50	26.810	47.1	39.6	52	0															0	2	.050			18-19
19 50	26.820	45.6	38.3	52	2															0					19-20
20 50	26.810	50.9	39.9	36	3															1					20-21
21 50	26.810	47.9	38.5	42	4	4	CI	250												2	0	.000			21-22
22 50	26.810	50.4	39.6	37	4															2					22-23
23 50	26.800	49.9	39.7	39	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 0348	X	0	0	X	39	35	X	X						X		
	0348	1	0	0	0	40	35		0								
	0948	2	0	0	0	54	35		0								
	1546	3	0	0	0	66	54		0								
	2146	4	0	0	0	61	45		0								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.825	26.760	26.810
BAROGRAPH 64	26.735	26.820	26.760	26.805
BAR. CORR. 65	+.005	+.005	± 0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	35	0	0	0	19	NE	2037					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: CLOCK 1SEC SLOW 0632
CLOCK ON TIME 2319

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 4

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - SCT	20			226	48	25	06	05		024	500 1001	WRG
SA	0150	250 - SCT	20			228	43	28	11	05		024		WRG
SA	0250	250 - SCT	20			228	44	27	11	05		024		WRG
SA	0348	250 - BKN	20			230	44	29	00	00		024	400 1006 43 RADAT 39121	[illegible]
SA	0445	E250 BKN	20			235	40	30	04	05		024		[illegible]
SA	0546	E250 OVC	20			239	41	30	34	05		024		[illegible]
SA	0653	E250 OVC	20			243	40	30	14	02		025	303 1007	[illegible]
SA	0750	E220 OVC	20			246	42	31	30	08		026		[illegible]
SA	0850	E220 OVC	20			245	47	29	05	06		027		[illegible]
SA	0946	E220 OVC	20			245	50	30	12	07		027	107 1007 40	[illegible]
SA	1047	E250 OVC	20			232	56	27	12	11		025		[illegible]
SA	1154	E250 OVC	20			219	58	29	07	10		022		[illegible]
SA	1247	250-OVC	20			213	60	28	13	07		019	624 1001	[illegible]
SA	1350	E250 OVC	20			208	60	28	11	10		017		[illegible]
SA	1450	E250 OVC	20			205	57	28	13	11		016		[illegible]
SA	1550	E250 OVC	20			205	55	27	13	10		016	610 1007 61 RADAT 37119	WRG
SA	1650	180 SCT E250 OVC	20			213	53	30	12	08		017		WRG
SA	1750	180 SCT E250 OVC	20			218	51	29	08	09		018		WRG
SA	1850	180 SCT E250 OVC	20			219	51	29	11	10		018	107 1027	WRG
SA	1950	180 SCT E250 OVC	20			218	50	29	09	06		018	MOON DMLY USBL	WRG
SA	2050	180 SCT E250 OVC	20			224	48	30	04	03		021		WRG
SA	2150	140 SCT E230 OVC	20			217	49	29	03	05		019	003 1027 61	WRG
SA	2250	140 SCT E230 OVC	20			217	46	30	04	03		020		WRG
SA	2350	140 SCT E230 BKN	20			218	43	31	02	06		020		WRG

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

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

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 4

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	26.810	43.1	38.4	40	3	3	CI	250												1	5	.000			00-01
01 50	26.810	43.0	36.7	56	3															1					01-02
02 50	26.810	44.4	36.9	49	3															1					02-03
03 48	26.810	43.7	37.3	55	6	6	CI	250												2	4	.000			03-04
04 45	26.810	40.4	35.8	65	8															6					04-05
05 46	26.810	40.6	35.9	64	10															8					05-06
06 53	26.820	39.8	35.7	68	10	10	CS	E250												8	3	.010			06-07
07 50	26.830	42.2	37.1	63	10															10					07-08
08 50	26.840	47.3	39.4	50	10															10					08-09
09 46	26.840	50.1	41.0	46	10	10	CS	E220												9	1	.020			09-10
10 47	26.820	56.1	43.2	33	10															6					10-11
11 54	26.785	58.0	44.4	32	10															6					11-12
12 47	26.770	60.1	45.2	29	10	10	CI	250												5	6	.070			12-13
13 51	26.750	59.6	45.0	30	10															8					13-14
14 50	26.740	57.2	43.8	32	10															9					14-15
15 50	26.740	55.4	42.8	34	10	10	CS	E250												9	6	.030			15-16
16 50	26.750	52.7	42.3	42	10															10					16-17
17 50	26.760	51.3	41.4	43	10															10					17-18
18 50	26.760	50.7	40.9	43	10	3	AS	180	7	CS	E250	10								10	1	.020			18-19
19 50	26.766	50.0	40.7	45	10															10					19-20
20 50	26.780	47.8	39.9	50	10															10					20-21
21 50	26.770	48.9	40.2	47	10	5	AS	140	5	CS	E250	10								10	0	.010			21-22
22 50	26.775	46.4	39.0	52	10															10					22-23
23 50	26.775	43.2	37.7	61	9															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s H_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		50	43										
	0344	1	0	0	0	51	43		0								
	0942	2	0	0	0	50	40		0								
	1546	3	0	0	0	61	50		0								
	2146	4	0	0	0	55	48		0								
	MID.		0	0	0	49	43										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.840	26.740	26.770
BAROGRAPH 64	26.800	26.830	26.740	26.775
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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	16	E	1153					10	9		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) 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 0434

CLOCK CORRECT 2310

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-976/1293 Region

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 5

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (100-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	140 SCT 230 SCT	20			212	43	29	04	03		018	803 1028	WRG
SA	0150	230 SCT	20			211	45	28	10	08		018		WRG
SA	0250	230 SCT	20			217	41	27	06	07		019		WRG
SA	0353	CLR	20			220	39	30	11	04		019	103 1008 39 RADAT 38122	[illegible]
SA	0450	CLR	20			220	41	29	07	03		019		[illegible]
SA	0549	CLR	20			224	38	29	32	05		019		[illegible]
SA	0648	CLR	20			229	36	30	12	05		021	303 1001	[illegible]
SA	0747	CLR	20			230	41	31	35	06		022		[illegible]
SA	0850	CLR	20			230	48	29	13	03		023		[illegible]
SA	0951	250 SCT	20			233	52	28	34	04		024	210 1005 35	[illegible]
SA	1050	250-BKN	20			220	57	28	06	04		021		[illegible]
SA	1148	250-BKN	20			211	60	28	18	03		018		[illegible]
SA	1251	250 SCT	20			203	63	28	23	03		016	724 1001	[illegible]
SA	1349	250 SCT	20			196	61	26	20	03		015		[illegible]
SA	1450	250 SCT	20			187	64	25	17	04		012		[illegible]
SA	1550	250 SCT	20			194	61	29	22	08		013	510 1001 65 RADAT 20127	WRG
SA	1650	250 -SCT	20			201	54	28	20	05		014		WRG
SA	1750	250 -SCT	20			208	47	31	04	05		014		WRG
SA	1850	250 -SCT	20			217	45	31	10	04		016	210 1001	WRG
SA	1950	CLR	20			212	43	30	09	05		015		WRG
SA	2050	CLR	20			208	42	30	02	03		015		WRG
SA	2150	CLR	20			211	40	30	06	03		016	500 65	WRG
SA	2250	CLR	20			208	40	29	12	04		016		WRG
SA	2350	CLR	20			206	38	29	12	05		016		WRG

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

FM11V: IIII Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $5P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 5

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	26.760	43.3	37.0	56	5	1	AS	140	4	CS	230	5								4	5	.010			00-01
01 50	26.760	45.0	37.7	51	1															1					01-02
02 50	26.770	40.9	35.1	57	1															1					02-03
03 53	26.770	39.2	35.2	69	0	0	CS	230												0	1	.010			03-04
04 50	26.770	41.0	36.0	63	0															0					04-05
05 49	26.770	37.8	34.0	69	0															0					05-06
06 48	26.780	35.5	33.0	79	0	0	CI	230												0	3	.010			06-07
07 47	26.790	46.7	36.3	67	0															0					07-08
08 50	26.800	48.0	39.7	48	0															0					08-09
09 51	26.810	51.5	41.2	41	1	1	CI	250												1	2	.030			09-10
10 50	26.780	56.6	43.6	33	6															3					10-11
11 48	26.760	60.3	45.2	29	6															3					11-12
12 51	26.740	62.8	46.4	26	5	5	CI	250												3	7	.070			12-13
13 49	26.725	61.1	45.0	25	5															3					13-14
14 50	26.700	63.6	46.1	23	3															2					14-15
15 50	26.710	61.0	45.9	29	3	3	CI	250												2	5	.030			15-16
16 50	26.720	54.0	42.2	36	4															2					16-17
17 50	26.720	47.4	40.0	53	3															1					17-18
18 50	26.740	44.8	39.5	57	1	1	CI	250												0	2	.030			18-19
19 50	26.730	42.6	37.0	60	0															0					19-20
20 50	26.730	41.7	36.5	62	0															0					20-21
21 50	26.740	40.0	35.8	68	0															0	5	.000			21-22
22 50	26.740	39.7	35.2	65	0															0					22-23
23 50	26.740	37.9	34.0	68	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	45	39		X	X	X	X	X	X	X		
	0349	1	0	0	0	49	39		0								
	0947	2	0	0	0	52	35		0								
	1546	3	0	0	0	65	52		0								
	2146	4	0	0	0	61	40		0								
	MID.	X	0	0	0	40	38		X	X	X	X	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	26.770	26.810	26.710	26.740
BAROGRAPH 64	26.760	26.810	26.720	26.730
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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	35	0	0	0	12	NE	0127					3	2		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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 0626

* BAROGRAPH CHANGED RESET TO ±.0 CORR.

CLOCK CORRECT 2029

MF1-10B

U.S. GOVERNMENT PRINTING OFFICE: 1971 455-075/1093 Region

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 DEC 6

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND GUSTS (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	CLR	20			202	37	29	12	05		015	803	WRG
SA	0150	CLR	20			207	36	29	10	03		016		WRG
SA	0250	CLR	20			206	37	28	11	04		016		WRG
SA	0348	CLR	20			201	38	32	35	03		015	000 36 RADAT 34134	HS
SA	0450	CLR	20			208	35	30	14	02		015		HS
SA	0548	CLR	20			212	33	29	05	05		015		HS
SA	0648	CLR	20			218	34	29	02	03		016	303	HS
SA	0749	CLR	20			216	39	32	30	06		016		HS
SA	0850	CLR	20			212	48	27	31	05		016		HS
SA	0950	CLR	20			209	53	28	36	03		016	400 1001 33	HS
SA	1048	CLR	20			204	57	28	08	02		015	CI NW	HS
SA	1148	CLR	20			195	60	27	29	03		013	CI NW	HS
SA	1250	250-SCT	20			183	62	28	13	02		010	820 1001	HS
SA	1349	250-SCT	20			179	63	29	08	03		009		HS
SA	1450	250-SCT	20			170	64	29	29	04		007		HS
SA	1546	250-SCT	20			180	60	29	21	07		008	503 1004 6A RADAT	MR
/													~~62~~ 25135	/
SA	1647	250-BKN	20			190	54	30	19	03		010		MR
SA	1745	250 SCT	20			199	47	31	09	03		011		MR
SA	1845	250 SCT	20			207	45	31	03	05		013	314 1002	MR
SA	1947	250 SCT	20			208	45	33	10	05		014		MR
SA	2048	CLR	20			208	43	30	30	02		015	FEW CI	MR
SA	2147	CLR	20			208	42	30	34	04		016	210 1001 64	MR
SA	2249	CLR	20			207	40	30	14	04		016		MR
SA	2347	CLR	20			202	40	30	36	05		015		MR

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

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 6

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	26.730	37.3	33.8	71	0															0	8	.010			00-01
01 50	26.740	35.9	32.9	74	0															0					01-02
02 50	26.740	37.0	33.2	69	0															0					02-03
03 48	26.730	38.0	35.3	78	0															0	0	.000			03-04
04 50	26.730	34.7	32.6	81	0															0					04-05
05 48	26.730	33.2	31.6	85	0															0					05-06
06 48	26.740	33.8	31.9	83	0															0	3	.010			06-07
07 49	26.740	39.1	36.0	76	0															0					07-08
08 50	26.740	48.3	39.1	43	0															0					08-09
09 50	26.740	53.1	41.8	37	0	0	Ci	250												0	4	.000			09-10
10 48	26.730	56.4	43.8	33	0															0					10-11
11 48	26.710	60.2	45.1	28	0															0					11-12
12 50	26.680	61.5	46.0	28	1	1	Ci	250												0	8	.060			12-13
13 49	26.670	62.8	46.1	28	2															0					13-14
14 50	26.650	63.9	47.3	27	3															1					14-15
15 48	26.670	59.8	45.5	31	4	4	Ci	250												2	5	.010			15-16
16 47	26.680	53.7	42.8	40	7															1					16-17
17 45	26.695	47.4	40.0	53	1															1					17-18
18 45	26.710	45.0	38.9	59	3	3	Ci	250												2	3	.040			18-19
19 47	26.720	45.1	39.0	59	1															1					19-20
20 48	26.730	42.9	37.3	60	0															0					20-21
21 47	26.740	41.5	36.5	63	0	0	Ci	250												0	2	.030			21-22
22 49	26.740	40.0	35.7	67	0															0					22-23
23 47	26.730	39.6	35.3	67	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE 51	SWELL HGT. 52	SWELL PERIOD 53	SURF H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TP. 0343	X	0	0	X	38	36		X	X	X	X	X	X	X		
	0343	1	0	0	0	40	36		0								
	0945	2	0	0	0	53	33		0								
	1543	3	0	0	0	64	53		0								
	2143	4	0	0	0	60	41		0								
	MID.	X	0	0	0	42	40		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0949	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.740	26.670	26.740
BAROGRAPH 64	26.710	26.730	26.670	26.715
BAR. CORR. 65	+.020	+.010	0	+.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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
64	33	0	0	0	10	SW	1533					1	1		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: */C LOCK 1 SEC SLOW 1650P

*CLOCK CORRECT 0952P

U.S. GOVERNMENT PRINTING OFFICE: 1974-656-076/1003 Region

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1981 DEC 7

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SUB-SERVER'S INITIALS (14)
SA	0045	CLR	20			203	39	30	09	04		015	502 1001	MR
SA	0147	CLR	20			208	38	30	08	02		016	Ci NW	MR
SA	0250	CLR	20			209	37	29	35	02		017		MR
SA	0348	CLR	20			204	37	30	36	03		015	802 37 RADAT 28127	HS
SA	0449	CLR	20			211	37	30	01	03		016		HS
SA	0548	CLR	20			220	34	29	36	06		017		HS
SA	0650	CLR	20			226	34	30	16	02		018	210	HS
SA	0752	CLR	20			224	41	30	32	04		020		HS
SA	0849	CLR	20			231	48	28	32	06		022		HS
SA	0949	CLR	20			226	55	31	29	02		022	110 34	HS
SA	1049	CLR	20			220	60	29	33	02		020		HS
SA	1149	CLR	20			213	63	31	13	03		018	AC SW	HS
SA	1250	CLR	20			204	64	31	19	06		016	717 1030	HS
SA	1349	CLR	20			200	65	31	21	05		015	AC SW	HS
SA	1450	CLR	20			196	66	31	23	03		014		HS
SA	1548	CLR	20			204	61	31	21	05		015	502 1030 66	MR
													RADAT 20128	
SA	1646	CLR	20			210	53	32	04	02		015	HAZY E AC SW	MR
SA	1748	CLR	20			213	49	32	05	04		015		MR
SA	1849	CLR	20			216	47	30	04	04		016	302	MR
SA	1946	CLR	20			212	49	30	06	02		016		MR
SA	2050	CLR	20			212	46	29	00	00		017		MR
SA	2147	CLR	20			215	42	29	35	04		018	307 66	MR
SA	2246	CLR	20			217	40	30	36	04		019		MR
SA	2347	CLR	20			216	39	30	09	03		019		MR

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

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

U S GPO 1980-0-665 115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NV

DATE 1981 DEC 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	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	26.735	39.0	35.0	69	0	0	CI	250												0	5	.005			00-01
01 47	26.745	37.5	34.4	75	0															0					01-02
02 50	26.750	37.3	33.9	72	0															0					02-03
03 48	26.730	37.3	34.2	74	0															0	8	.005			03-04
04 49	26.740	37.4	34.3	74	0															0					04-05
05 48	26.750	34.4	32.3	81	0															0					05-06
06 50	26.760	33.9	32.1	84	0															0	2	.030			06-07
07 52	26.770	41.4	36.6	64	0															0					07-08
08 49	26.790	48.1	39.4	46	0															0					08-09
09 49	26.790	55.0	43.8	40	0															0	1	.030			09-10
10 49	26.775	59.8	45.4	31	0															0					10-11
11 49	26.760	62.1	47.2	30	0															0					11-12
12 50	26.740	64.1	48.0	29	0	0	AC	150												0	7	.050			12-13
13 49	26.730	65.3	48.4	27	0															0					13-14
14 50	26.720	65.6	48.6	27	0															0					14-15
15 48	26.735	61.3	46.7	32	0	0	AC	150												0	5	.005			15-16
16 46	26.735	52.8	43.1	45	0															0					16-17
17 48	26.735	48.8	40.9	51	0															0					17-18
18 49	26.740	47.2	39.5	51	0															0	3	.005			18-19
19 46	26.740	48.6	40.2	48	0															0					19-20
20 50	26.750	45.6	38.2	51	0															0					20-21
21 47	26.760	41.9	36.3	59	0															0	3	.020			21-22
22 46	26.770	40.2	35.6	65	0															0					22-23
23 47	26.770	38.8	34.9	69	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 0343	X	0	0	X	40	37	X	X						X		
	0343	1	0	0	0	42	37		0								
	0944	2	0	0	0	56	34		0								
	1544	3	0	0	0	66	55		0								
	2143	4	0	0	0	61	42		0								
	MID.	X	0	0	0	42	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.790	26.735	26.760
BAROGRAPH 64	26.720	26.780	26.720	26.740
BAR. CORR. 65	+.010	+.010	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	34	0	0	0	9	NE	1718					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: 0951P - 1 SEC SLOW / 1651P / SEC SLOW

1/ LAST OF SEVERAL OCCURRENCES

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 8

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY MI. SURFACE (4)	VISIBILITY MI. TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. MBS. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (9)	WIND SPEED KTS. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SERIES INITIALS (14)
SA	0047	CLR	20			216	38	29	10	02		019	103	MR
SA	0146	CLR	20			216	37	30	10	04		019		MR
SA	0250	CLR	20			211	39	30	09	03		018		MR
SA	0349	CLR	20			214	38	31	06	02		018	603 37 RADAT 20134	HS
SA	0449	CLR	20			220	37	30	05	03		018		HS
SA	0549	CLR	20			225	37	30	30	03		020		HS
SA	0649	CLR	20			227	36	29	36	03		020	103 1030	HS
SA	0749	CLR	20			226	43	32	09	02		021	AC SE SW	HS
SA	0850	CLR	20			225	54	29	11	06		022	AC SW	HS
SA	0952	CLR	20			229	57	31	11	08		023	210 1030 36	HS
SA	1050	CLR	20			220	61	29	14	08		021	AC SW	HS
SA	1150	CLR	20			209	63	30	12	01		017	AC SW	HS
SA	1246	CLR	20			197	64	29	13	12		014	727 1001	HS
SA	1350	250-SCT	20			199	65	27	14	11		013	AC E	HS
SA	1450	250-SCT	20			189	65	28	13	09		012		HS
SA	1550	250-SCT	20			194	63	29	15	08		013	503 1001 67	HS
SA	1648	180 SCT 250-SCT	20			204	58	30	19	04		015	RADAT 26130 ~~0011~~	MR
SA	1747	250 SCT	20			208	52	30	08	04		015	ACSL SE	MR
SA	1845	CLR	20			214	47	30	09	04		015	108 1041	MR
SA	1947	CLR	20			213	45	30	02	03		016	FEW AC CI	MR
SA	2045	CLR	20			213	44	30	33	03		017	FEW AC CI	MR
SA	2147	CLR	20			211	44	30	09	04		017	107 67	MR
SA	2246	CLR	20			204	42	30	06	03		016	AC SE	MR
SA	2345	CLR	20			207	42	29	05	08		017	AC CI SE	MR

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

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

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 DEC 8

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	26.770	37.6	34.0	71	0															0	1	.010			00-01
01 46	26.770	36.6	33.6	75	0															0					01-02
02 50	26.760	38.6	34.8	70	0															0					02-03
03 49	26.760	38.4	35.1	74	0															0	6	.010			03-04
04 49	26.760	37.0	34.2	77	0															0					04-05
05 49	26.770	37.1	34.0	74	0															0					05-06
06 49	26.770	35.6	32.8	76	0	0	Ac	150												0	1	.010			06-07
07 49	26.780	42.8	38.0	65	0															0					07-08
08 50	26.790	54.0	42.7	38	0															0					08-09
09 52	26.800	57.0	44.6	36	0	0	Ac	150												0	2	.030			09-10
10 50	26.780	60.5	45.7	30	0															0					10-11
11 50	26.750	63.0	47.0	28	0															0					11-12
12 46	26.720	64.2	47.3	26	0	0	Ci	250												0	7	.080			12-13
13 50	26.710	64.9	47.2	24	3															1					13-14
14 50	26.700	64.6	47.5	26	3															0					14-15
15 50	26.710	63.2	47.0	28	5	5	Ci	250												1	5	.010			15-16
16 48	26.730	58.0	45.0	35	5															2					16-17
17 47	26.730	51.5	41.8	44	1															1					17-18
18 45	26.735	47.1	39.4	51	0	0	Ac	180	0	Ci	250	0								0	1	.025			18-19
19 47	26.740	44.5	38.0	56	0															0					19-20
20 45	26.755	44.0	37.7	57	0															0					20-21
21 47	26.755	44.3	38.0	57	0															0	1	.020			21-22
22 46	26.740	42.0	36.8	62	0															0					22-23
23 45	26.750	42.1	36.5	60	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	39	37	X	X						X		
	0344	1	0	0	0	42	37		0								
	0947	2	0	0	0	58	36		0								
	1545	3	0	0	0	67	57		0								
	2143	4	0	0	0	63	43		0								
	MID.	X	0	0	0	44	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.800	26.710	26.753
BAROGRAPH 64	26.750	26.785	26.705	26.740
BAR. CORR. 65	+.010	+.015	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	36	0	0	0	16	SE	1327					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: 0955P -1 SEC SLOW / 1847P -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 DEC 9

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. Mbs. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIR. (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	CLR	20			209	43	30	09	06		018	302 1032	MR
SA	0145	CLR	20			206	40	29	30	04		017	C, W	MR
SA	0250	CLR	20			208	39	29	30	04		017	C, W	MR
SA	0350	250 -SCT	20			209	39	30	32	05		017	603 1001 39 RADAT 25122	HS
SA	0448	250 -SCT	20			208	38	29	03	04		016		HS
SA	0548	250 -SCT	20			211	39	30	04	03		016		HS
SA	0650	250 - BKN	20			220	40	29	02	06		018	303 1031	HS
SA	0750	E 250 OVC	20			216	43	29	35	06		017	FEW AC	HS
SA	0849	E 250 OVC	20			214	49	29	06	06		017		HS
SA	0952	250 - BKN	20			210	54	28	11	13		017	603 1006 38	HS
SA	1050	120 SCT 250 - BKN	20			206	58	28	33	06		016		HS
SA	1150	120 SCT 250 - BKN	20			194	60	27	12	02		013		HS
SA	1251	120 SCT E 250 - BKN	20			180	62	30	11	05		010	824 1076	HS
SA	1350	120 SCT 250 - OVC	20			176	63	30	13	12		009		HS
SA	1453	E 250 BKN	20			174	62	32	13	09		008	FEW AC	HS
SA	1550	140 SCT E 250 BKN	20			176	60	31	12	08		008	607 1032 64 RADAT 20116	US
SA	1650	140 SCT E 250 BKN	20			180	57	32	12	09		008		US
SA	1750	140 SCT 250 SCT	20			181	52	32	05	03		008		US
SA	1851	140 SCT 250 SCT	20			176	52	30	17	08		006	803 1032	US
SA	1947	140 SCT 250 SCT	20			180	50	30	14	03		008		US
SA	2049	140 SCT 250 SCT	20			176	53	30	12	08	G17	008		US
SA	2148	140 SCT	20			180	52	30	14	08		010	310 1070 64	US
SA	2248	E 140 BKN	20			185	49	29	00	00		012		US
SA	2347	E 140 BKN	20			181	51	30	12	10		011		US

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

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

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 DEC

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.760	42.5	37.0	61	0	0	Ac	180	0	Ci	250	0								0	3	.005			00-01
01 45	26.750	40.2	35.3	63	0															0					01-02
02 50	26.750	38.9	34.6	66	0															0					02-03
03 50	26.750	38.9	35.0	69	2	2	Ci	250												0	6	.010			03-04
04 48	26.740	38.0	34.4	71	2															0					04-05
05 48	26.740	39.0	35.0	69	3															0					05-06
06 50	26.760	39.8	35.1	64	7	0	Ac	150	7	Ci	250	7								1	3	.010			06-07
07 50	26.750	43.0	37.1	58	10															6					07-08
08 49	26.750	48.8	46.0	46	10															7					08-09
09 52	26.750	54.3	42.6	37	9	9	Ci	250												4	6	.010			09-10
10 50	26.740	58.0	44.2	31	9															3					10-11
11 50	26.710	59.6	44.7	29	7															2					11-12
12 51	26.680	62.4	47.1	30	8	2	Ac	120	6	Ci	250	8								3	8	.070			12-13
13 50	26.670	62.7	47.0	29	10															4					13-14
14 53	26.660	62.2	47.4	32	9															5					14-15
15 50	26.660	59.7	46.0	34	9	1	Ac	140	8	Ci	E250	9								6	6	.020			15-16
16 50	26.665	56.8	45.0	39	8															5					16-17
17 50	26.660	52.4	42.7	45	3															2					17-18
18 51	26.650	52.0	42.0	43	2	1	Ac.	140	1	Ci	250	2								2	8	.010			18-19
19 47	26.665	50.2	41.2	46	1															1					19-20
20 49	26.665	52.5	42.1	41	2															2					20-21
21 48	26.680	52.0	42.1	43	1	1	Ac	140												1	3	.030			21-22
22 48	26.700	49.0	40.1	46	6															6					22-23
23 47	26.690	50.7	41.4	45	8															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	43	39	X	X						X		
	0345	1	0	0	0	44	39		0								
	0947	2	0	0	0	55	38		0								
	1543	3	0	0	0	64	54		0								
	2141	4	0	0	0	60	50		0								
	MID.	X	0	0	0	52	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.750	26.660	26.680
BAROGRAPH 64	26.740	26.740	26.660	26.680
BAR. CORR. 65	+.010	+.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	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
64	38	0	0	0	17	SE	2042					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: 0959P - 1SEC SLOW

* BAROGRAPH CHANGED RE-SET TO "0"

2240P - 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 DEC 1 9

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

TYPE	TIME (LST)	SKY AND CEILING	VISIBILITY (MILES) SURFACE	VISIBILITY (MILES) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mbs.)	TEMP (°F)	DEW PT. (°F)	WIND DIRECTION (Deg.)	WIND SPEED (Kts.)	WIND CHARACTER	ALTIMETER SETTING (Hrs.)	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER'S INITIALS
SA	0049	E140 BKN	20			179	50	30	10	08		011	003 1050	WS
SA	0150	E140 BKN	20			184	49	32	29	03		012		WS
SA	0249	E140 BKN 220 OVC	20			184	49	32	29	04		012	BINOVC	WS
SA	0349	E160 BKN	20			179	49	29	36	03	011	~~501~~	502 1050 47	RD
—			—			—						—	RADAT 20131	—
SA	0450	E160 BKN	20			186	47	30	09	06		012		RD
SA	0549	E160 BKN	20			194	47	29	03	07		013	[illegible]	RD
SA	0649	E160 BKN 250 OVC	20			199	46	31	03	04		014	~~215~~ 1051	RD
SA	0749	E160 BKN 250 OVC	20			204	45	29	05	07		015		RD
SA	0850	160 SCT 250 - BKN	20			201	49	33	06	03		015		RD
SA	0949	160 SCT 250 - BKN	20			204	57	32	14	06		017	310 1058 45	RD
SA	1049	160 SCT 250 - BKN	20			196	58	31	32	06		015		RD
SA	1150	E 250 OVC	20			176	60	32	08	09		010	[illegible]	RD
SA	1250	E 250 OVC	20			169	60	30	13	13		008	727 1057	RD
SA	1350	160 SCT E250 OVC	20			165	59	30	12	11		007		RD
SA	1450	160 SCT E250 OVC	20			168	57	32	13	09		007		RD
SA	1548	E 150 OVC	20			168	56	32	12	10		006	603 157/ 62 RADAT 20120	WS
SA	1645	E 170 OVC	20			168	54	32	12	12		006		WS
SA	1750	E 170 OVC	20			165	53	34	12	07		005		WS
SA	1850	E 170 OVC	20			172	53	32	13	04		006	FEW SC SE/500 157/	WS
SA	1948	E 170 OVC	20			171	52	31	10	05		006		WS
SA	2049	E 170 OVC	20			166	51	31	06	04		005		WS
SA	2149	E 170 OVC	20			157	50	33	17	05		004	808 102/ 62	WS
SA	2251	E 180 OVC	20			159	50	32	03	05		004	SC SE-S	WS
SA	2348	E 180 OVC	20			163	48	32	08	04		005		WS

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

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

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WRUD DESERT ROCK NV

DATE: 1981 DEC 10

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40 HR.
00 49	26.690	50.2	41.1	46	7	7	AC	E140												7	0	010		00-01
01 50	26.700	48.8	41.2	53	9															9				01-02
02 49	26.700	48.8	41.3	53	10															9				02-03
03 49	26.685	49.0	40.2	46	9	9	AC	E160												9	5	.005		03-04
04 50	26.685	47.1	39.6	52	9															9				04-05
05 49	26.710	46.6	39.0	51	9															9				05-06
06 49	26.720	45.8	39.0	55	10	6	AC	E160	4	CI	250	10								7	2	035		06-07
07 49	26.730	44.8	38.1	54	10															6				07-08
08 50	26.730	49.0	41.5	54	8															3				08-09
09 49	26.750	57.2	45.0	38	8	2	AC	160	6	CS	250	8								3	3	.030		09-10
10 47	26.725	58.0	45.2	36	8															4				10-11
11 50	26.680	60.2	46.4	34	10															6				11-12
12 50	26.660	60.0	45.6	31	10	0	AC	160	10	CS	E250	10								8	7	.090		12-13
13 50	26.650	59.1	45.2	32	10															8				13-14
14 50	26.650	57.0	45.0	38	10															9				14-15
15 48	26.650	56.2	44.8	40	10	0	SC	50	10	AC	E150	10								9	6	010		15-16
16 45	26.645	54.4	43.8	42	10															9				16-17
17 50	26.635	52.5	43.7	49	10															9				17-18
18 50	26.650	52.7	43.0	45	10	0	SC	60	10	AC	E170	10								10	5	000		18-19
19 48	26.645	51.6	42.2	45	10															10				19-20
20 49	26.635	51.0	41.9	46	10															10				20-21
21 49	26.625	50.0	42.0	52	10	10	AS	E170												10	8	025		21-22
22 51	26.630	50.2	41.8	50	10															10				22-23
23 48	26.640	48.0	40.5	53	10															10				23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S P_S D_S / M_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		51	47										
	0344	1	0	0	0	52	47		0								
	0942	2	0	0	0	57	45		0								
	1542	3	0	0	0	62	56		0								
	2140	4	0	0	0	56	50		0								
	MID.		0	0	0	51	47										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.685	26.750	26.650	26.625
BAROGRAPH 64	26.690	26.755	26.650	26.628
BAR. CORR. 65	-.005	-.005	±0	+.003

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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	45	0	0	0	14	SE	1217					9	9		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0935 / SEC SLOW /
1755P 1 SEC SLOW

U.S. GOVERNMENT PRINTING OFFICE: 1974-[illegible]

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: [illegible] DEC 11

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4a) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	E 180 OVC	20			159	48	31	12	04		004	002 152/	US
SA	0149	E 180 OVC	20			167	47	31	09	03		006		US
SA	0249	180 SCT 220 - OVC	20			170	43	31	07	02		006		US
SA	0350	180 SCT 250 - BKN	20			162	42	30	08	04		004	802 1058 42 RADAT 20107	RD
SA	0448	180 SCT 250 - SCT	20			162	40	29	30	03		003		RD
SA	0549	180 SCT 250 - SCT	20			169	37	29	07	03		004		RD
SA	0648	250 - SCT	20			176	38	30	11	06		007	308 1001	RD
SA	0748	250 SCT	20			177	42	31	33	03		008		RD
SA	0848	250 SCT	20			181	47	29	13	04		009		RD
SA	0947	250 - SCT	20			176	53	31	13	04		009	007 1001 37	RD
SA	1047	250 - SCT	20			165	57	29	03	08		006		RD
SA	1149	250 - SCT	20			156	60	27	33	03		004		RD
SA	1247	250 - BKN	20			147	60	30	23	07		001	724 1006	RD
SA	1350	250 - BKN	20			141	60	31	22	10		999		RD
SA	1450	250 - SCT	20			136	59	30	22	08		997		RD
SA	1549	CLR	20			140	59	32	22	06		997	510 1001 62 RADAT 20112	US
SA	1645	CLR	20			147	55	32	26	02		998	FEW C1 S	US
SA	1746	CLR	20			166	46	32	05	03		002		US
SA	1849	CLR	20			167	43	33	00	00		002	114	US
SA	1945	CLR	20			168	42	31	07	03		003		US
SA	2047	CLR	20			170	41	30	00	00		004		US
SA	2148	CLR	20			173	38	31	00	00		005	310 62	US
SA	2245	CLR	20			173	40	29	11	09		006		US
SA	2349	CLR	20			164	42	33	05	04		005		US

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

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

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION [illegible] DESERT ROCK, NV

DATE 01 DEC 11

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	26.630	47.7	40.3	53	10	6	Sc	50	10	AS	E180	10								9	0	005			00-01
01 49	26.650	47.1	39.8	53	10															9					01-02
02 49	26.645	42.7	37.7	64	10															5					02-03
03 50	26.625	42.4	37.0	61	8	2	Ac	180	6	CS	250	8								3	8	.005			03-04
04 48	26.620	40.0	35.4	65	3															1					04-05
05 49	26.630	36.9	33.8	74	5															2					05-06
06 48	26.650	38.0	34.7	73	2	2	Ci	250												1	3	.025			06-07
07 48	26.660	42.1	37.3	65	1															1					07-08
08 48	26.675	46.7	39.1	51	1															1					08-09
09 47	26.670	52.8	42.6	43	2	2	Ci	250												1	0	.020			09-10
10 47	26.645	57.0	44.0	34	5															0					10-11
11 49	26.625	60.2	45.0	28	3															1					11-12
12 47	26.600	59.7	45.5	32	6	6	Ci	250												1	7	.070			12-13
13 50	26.580	59.8	46.0	34	6															1					13-14
14 50	26.565	59.3	45.8	34	3															0					14-15
15 49	26.570	59.0	45.8	35	0	0	Ci	280												0	5	030			15-16
16 45	26.580	54.8	44.0	42	0															0					16-17
17 46	26.610	46.4	40.0	42 55	0															0					17-18
18 49	26.610	43.0	38.5	67	0															0	1	040			18-19
19 45	26.615	42.0	37.0	64	0															0					19-20
20 47	26.630	41.0	36.4	65	0															0					20-21
21 48	26.640	38.0	35.0	76	0															0	3	020			21-22
22 45	26.650	40.1	35.8	65	0															0					22-23
23 49	26.635	41.7	37.8	71	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ps Ds Ms 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	48	42		X	X	X	X	X	X	X		
	0343	1	0	0	0	51	42		0								
	0942	2	0	0	0	53	37		0								
	1541	3	0	0	0	62	53		0								
	2141	4	0	0	0	59	38		0								
	MID.	X	0	0	0	42	38		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.670	26.570	26.640
BAROGRAPH 64	26.620	26.660	26.560	26.620
BAR. CORR. 65	+.005	+.010	-.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	37	0	0	0	11	SW	1454					3	3		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: 0820 1 SEC SLOW

2226 1 SEC SLOW

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-[illegible]

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: NSMO, DESERT ROCK, NV

DATE: 1981 DEC 12

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED KN. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	USE SEQUENCE INITIALS (14)
SA	0046	CLR	20			164	35	30	00	00		004	805	LS
SA	0150	CLR	20			160	34	29	00	00		003		LS
SA	0248	CLR	20			158	35	30	10	06		002		LS
SA	0347	250 - SCT	20			156	34	29	00	00		001	708 1006 34 RADAT 24106	RD
SA	0447	250 - BKN	20			159	36	29	11	03		001		RD
SA	0548	250 - BKN	20			166	34	29	08	03		002		RD
SA	0649	250 - BKN	20			169	32	29	09	04		002	103 1008	RD
SA	0747	E250 BKN	20			167	35	30	10	05		002		RD
SA	0847	E250 BKN	20			166	39	30	12	03		002		RD
SA	0948	E250 BKN	20			171	42	31	00	00		003	307 1008 32	RD
SA	1047	E250 BKN	20			156	50	32	00	00		000		RD
SA	1150	160 SCT E250 BKN	20			142	56	29	22	08		999		RD
SA	1249	160 SCT E250 BKN	20			144	54	29	25	06		997	~~730~~ 1018	RD
SA	1347	E250 BKN	20			141	55	29	19	03		996		RD
SA	1450	CLR	20			136	55	29	20	03		994		RD
SA	1547	220 SCT	20			136	55	29	21	05		994	607 1005 ~~42~~ 58 RADAT 32097	LS
SA	1649	E 220 BKN	20			141	50	26	17	03		995		LS
SA	1748	E 220 BKN	20			142	46	30	00	00		995		LS
SA	1846	220 - SCT	20			144	43	28	03	07		994	000 1001	LS
SA	1949	250 - BKN	20			152	40	28	11	03		996		LS
SA	2045	250 - BKN	20			154	39	30	06	03		997		LS
SA	2145	E250 OVC	20			159	40	30	11	04		999	317 1007 58	LS
SA	2249	E 220 OVC	20			159	40	31	00	00		001		LS
SA	2345	E 220 BKN	20			151	40	31	00	00		999		LS

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

FM11V iiiii VVwwW PPPTT $N_hC_LhC_MC_H$ $T_dT_dd_{00}$ $6P_0P_0P_0P_0$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_{pp}S_{pp}$ $1R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: ROMO, DESERT ROCK, NV

DATE: 1941 DEC 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	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	26.625	35.3	33.1	81	0															0	8	.015			00-01
01 50	26.615	34.0	32.1	83	0															0					01-02
02 48	26.610	35.0	32.8	81	0															0					02-03
03 47	26.600	34.2	32.2	81	5	5	Ci	250												0	7	.025			03-04
04 47	26.600	35.8	33.0	76	8															1					04-05
05 48	26.610	34.0	32.0	82	8															1					05-06
06 49	26.610	32.3	30.9	86	8	8	CS	250												3	1	.010			06-07
07 47	26.605	35.0	32.8	81	9															5					07-08
08 47	26.610	39.1	35.3	70	9															7					08-09
09 48	26.620	42.1	37.2	64	9	9	CS	E250												8	3	.010			09-10
10 47	26.595	50.2	41.6	49	8															5					10-11
11 50	26.570	55.7	43.4	36	8															5					11-12
12 49	26.560	54.0	42.6	38	8	2	AS	160	6	CS	E250	8								6	7	.060			12-13
13 47	26.555	54.6	43.0	37	6															4					13-14
14 50	26.540	54.8	43.2	37	0															0					14-15
15 49	26.540	54.9	43.0	37	2	2	Ci	220												2	6	.020			15-16
16 49	26.550	50.2	39.7	38	9															5					16-17
17 48	26.545	45.5	38.5	53	6															4					17-18
18 46	26.540	42.7	36.5	56	2	2	Ci	220												1	0	.000			18-19
19 49	26.560	39.8	35.0	63	6															2					19-20
20 45	26.570	39.0	35.0	69	8															4					20-21
21 45	26.590	40.0	35.6	65	10	10	CS	E250												9	3	.050			21-22
22 49	26.600	40.2	36.2	69	10															9					22-23
23 49	26.590	40.2	36.1	69	8															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	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s P_s M_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	42	34		X	X	X	X	X	X	X		
	0342	1	0	0	0	42	34		0								
	0945	2	0	0	0	42	32		0								
	1541	3	0	0	0	58	42		0								
	2139	4	0	0	0	55	39		0								
	MID.	X	0	0	0	41	39		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26.540	26.590
BAROGRAPH 64	26.590	26.620	26.560	26.580
BAR. CORR. 65	+.010	0	-.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 UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	32	0	0	0	10	SW	1135					7	6		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0725 1 SEC SLOW

2253 1 SEC SLOW

U.S. GOVERNMENT PRINTING OFFICE: 1973-565-076/1193 Region-10

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1991 DEC 13

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

TYPE (11)	TIME LST (12)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (14)	VISIBILITY (Miles) TOWER (14a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (15)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (00-36) (19)	WIND SPEED (Kts.) (20)	WIND CHARACTER (17)	ALTIMETER SETTING (Tens, Units, Tenths) (18)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSORS INITIALS (16)
SA	0048	220 SCT	20			158	38	30	10	03		002	305 1002	DS
SA	0146	CLR	20			162	36	30	00	00		002	FEW CI	DS
SA	0247	CLR	20			170	35	28	05	03		004		DS
SA	0349	200 -SCT	20			166	34	26	09	02		003	005 1001 34 RADAT 57085	JD
SA	0447	200 -SCT	20			174	36	28	11	05		005		JD
SA	0547	200 -BKN	20			187	34	27	03	03		007		JD
SA	0649	200 -OVC	20			200	32	27	10	03		011	322 1037	JD
SA	0747	200 -OVC	20			209	36	28	05	03		013		JD
SA	0848	200 -BKN	20			221	41	28	35	02		017		JD
SA	0947	200 -BKN	20			223	47	28	09	02		019	227 1138 32	JD
SA	1046	200 -SCT	20			218	54	26	21	06		019		JD
SA	1147	CLR	20			205	55	26	12	04		015		JD
SA	1247	200 -SCT	20			202	59	27	20	11		015	814 1001	JD
SA	1346	200 -SCT	20			201	59	27	18	07		014		JD
SA	1450	200 -SCT	20			200	60	26	27	04		014		JD
SA	1546	250 -SCT	20			202	60	23	26	03		015	500 1071 60 RADAT 55081	LEF
SA	1645	120 SCT 250 SCT	20			213	52	22	28	03		016		LEF
SA	1746	120 SCT 250 SCT	20			228	49	28	09	06		020		LEF
SA	1846	120 SCT	20			232	44	27	09	02		020	115 1070	LEF
SA	1949	120 SCT 250 SCT	20			240	43	26	09	03		023		LEF
SA	2045	120 SCT 250 SCT	20			240	42	27	03	06		023		LEF
SA	2149	250 -BKN	20			242	38	28	10	03		024	214 1006 60	LEF
SA	2250	250 -BKN	20			244	38	28	02	03		026		LEF
SA	2347	250 -OVC	20			243	38	28	11	03		026		LEF

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

FM11V: iii Nddff VVwwW PoPoPtt $N_hC_LhC_MC_H$ $T_gT_gg_{00}$ $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sC_hh_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: USAMO DESERT ROCK NV

DATE: 1981 DEC 13

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 48	26.605	38.2	34.7	72	2	2	Ci	220												2	3	.015			00-01
01 46	26.610	35.7	33.2	78	0															0					01-02
02 47	26.630	34.8	32.0	76	0															0					02-03
03 49	26.620	34.1	31.0	72	1	1	Ci	200												0	0	.015			03-04
04 47	26.635	35.8	32.8	74	3															1					04-05
05 47	26.660	34.4	31.3	73	8															0					05-06
06 49	26.685	32.2	30.2	81	10	0	Ac	100	10	Cs	200	10								1	3	.065			06-07
07 47	26.710	36.2	32.8	72	10															3					07-08
08 48	26.750	41.4	35.7	58	6															1					08-09
09 47	26.765	47.0	38.8	48	6	0	Cu	80	0	Ac	100	0	6	Cs	200	6				0	2	.080			09-10
10 46	26.765	53.8	41.7	34	1															0					10-11
11 47	26.730	54.8	42.0	32	0															0					11-12
12 47	26.725	58.5	44.1	29	1	1	Ci	200												0	8	.040			12-13
13 46	26.720	58.9	44.4	29	1															0					13-14
14 50	26.720	59.5	44.3	27	2															0					14-15
15 46	26.725	59.8	43.7	24	2	0	Ac	120	2	Ci	250	2								0	5	.000			15-16
16 45	26.740	52.2	39.6	30	4															4					16-17
17 46	26.770	48.6	39.6	45	3															3					17-18
18 46	26.770	44.2	37.0	51	4	4	Ac	120												4	1	.045			18-19
19 49	26.795	42.9	36.0	51	5															4					19-20
20 45	26.800	41.7	35.7	56	3															2					20-21
21 49	26.810	38.1	33.9	67	6	6	Cs	250												2	2	.040			21-22
22 50	26.825	37.8	33.6	67	8															2					22-23
23 47	26.830	38.3	34.0	66	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S P_S D_S M_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		40	34										
	0345	1	0	0	0	41	34		0								
	0944	2	0	0	0	47	32		0								
	1541	3	0	0	0	60	47		0								
	2144	4	0	0	0	60	38		0								
	MID.		0	0	0	38	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.765	26.725	26.810
BAROGRAPH 64	26.615	26.760	26.730	26.810
BAR. CORR. 65	+.005	+.005*	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	32	0	0	0	14	SW	1322					4	4		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0533 P 1 SEC SLOW 2320 1 SEC SLOW

*Changed Barograph 0 corr.

MF1-10B

U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1398 Region

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 DEC 14

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (Mils.) SURFACE (4)	VISIBILITY (Mils.) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mils.) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	E250 OVC	20			249	39	28	04	02		027	208 1007	LEF
SA	0145	E250 OVC	20			244	38	28	10	02		027		LEF
SA	0245	E250 OVC	20			246	37	28	11	02		027		LEF
SA	0348	E250 OVC	20			244	38	27	11	02		027	000 1007 37 RAD4T 77097	JD
SA	0448	E250 OVC	20			246	37	28	17	02		026		JD
SA	0548	E250 OVC	20			257	36	28	08	03		028		JD
SA	0647	E250 OVC	20			262	37	28	10	03		029	308 1007	JD
SA	0749	E250 OVC	20			266	38	28	07	03		031		JD
SA	0850	250 -OVC	20			267	43	28	18	02		031		JD
SA	0948	250 -OVC	20			269	48	30	33	02		032	208 1007 36	JD
SA	1047	250 -OVC	20			259	55	29	25	02		031		JD
SA	1148	250 -OVC	20			241	59	29	20	04		026		JD
SA	1248	250 -OVC	20			224	62	29	26	04		022	832 1007	JD
SA	1348	250 -OVC	20			222	60	30	21	08		021		JD
SA	1451	250 -OVC	20			221	60	29	21	08		020		JD
SA	1547	250 - OVC	20			224	58	25	21	07		021	503 1007 63 RAD4T 28112	LEF
SA	1646	250 -OVC	20			225	53	28	03	01		020		LEF
SA	1745	250 -OVC	20			234	47	28	04	02		022		LEF
SA	1846	250 -OVC	20			228	47	27	17	02		020	803 1007	LEF
SA	1947	250 -OVC	20			225	45	30	04	02		020		LEF
SA	2046	250 -OVC	20			227	42	30	19	03		020		LEF
SA	2145	250 -OVC	20			232	42	26	17	02		022	307 1007 63	LEF
SA	2248	250 -OVC	20			222	41	29	08	02		021		LEF
SA	2346	250 -OVC	20			215	39	30	03	03		019		LEF

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

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

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 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	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	26.835	39.3	34.7	64	10	10	CS	E250												8	2	.025			00-01
01 45	26.835	37.8	33.9	68	10															6					01-02
02 45	26.840	36.9	33.4	71	10															7					02-03
03 48	26.835	38.4	33.9	64	10	10	CS	E250												9	0	.000			03-04
04 48	26.830	37.0	33.3	69	10															9					04-05
05 48	26.850	36.4	32.9	71	10															8					05-06
06 47	26.860	37.1	33.2	68	10	10	CS	E250												7	3	.025			06-07
07 49	26.870	38.4	34.2	66	10															6					07-08
08 50	26.875	42.7	36.4	55	10															2					08-09
09 48	26.885	48.0	39.8	49	10	10	CS	250												2	2	.025			09-10
10 47	26.870	55.2	43.2	36	10															1					10-11
11 48	26.830	58.8	45.0	32	10															1					11-12
12 48	26.790	61.9	46.3	28	10	10	CS	250												1	8	.095			12-13
13 48	26.780	60.2	45.8	31	10															1					13-14
14 51	26.775	59.8	45.3	30	10															1					14-15
15 47	26.780	57.9	44.0	31	10	10	CS	250												2	5	.010			15-16
16 46	26.775	52.9	41.9	39	10															2					16-17
17 45	26.785	46.6	38.7	49	10															3					17-18
18 46	26.770	47.3	38.5	44	10	10	CS	250												3	8	.010			18-19
19 47	26.770	45.1	38.4	55	10															3					19-20
20 46	26.770	41.6	36.6	63	10															2					20-21
21 45	26.790	41.8	35.4	53	10	10	CS	250												3	3	.020			21-22
22 48	26.775	40.5	35.6	63	10															3					22-23
23 46	26.765	39.0	35.0	68	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s P_s H_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	40	37		X	X	X	X	X	X	X		
	0344	1	0	0	0	40	37		0								
	0945	2	0	0	0	48	36		0								
	1542	3	0	0	0	63	48		0								
	2140	4	0	0	0	58	41		0								
	MID.	X	0	0	0	42	39		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.835	26.885	26.780	26.790
BAROGRAPH 64	26.835	26.885	26.780	26.785
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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	11	SW	1330					10	10		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0512P 1 SEC SLOW 2310 1 SEC SLOW

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

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 DEC 15

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4a) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0045	250 -OVC	20			211	40	31	13	02		018	712 1007	LEF
SA	0146	250 -OVC	20			214	38	29	28	01		018		LEF
SA	0248	250 -OVC	20			214	38	29	04	03		018		LEF
SA	0349	250 -OVC	20			210	38	28	07	02		017	803 1007 38 RADAT 29113	JD
SA	0446	250 -OVC	20			206	36	29	11	04		015		JD
SA	0547	250 -OVC	20			205	36	28	19	02		013		JD
SA	0647	250 -SCT	20			206	36	28	12	05		014	510 1008	JD
SA	0747	CLR	20			212	38	29	33	03		015		JD
SA	0848	CLR	20			209	47	30	30	02		015		JD
SA	0948	CLR	20			207	50	30	20	03		015	005 1001 35	JD
SA	1046	250 -SCT	20			193	55	28	27	02		012		JD
SA	1147	250 -SCT	20			174	57	28	33	02		006		JD
SA	1248	250 -SCT	20			160	60	30	23	08		003	737 1058	JD
SA	1347	250 -SCT	20			150	59	30	24	06		999		JD
SA	1453	180 SCT 250 -BKN	20			151	58	31	25	05		999		JD
SA	1547	250 - BKN	20			156	57	32	25	05		002	565 1008 60 RADAT 20117	LEF
SA	1649	250 - BKN	20			160	50	30	35	05		001		LEF
SA	1746	250 -BKN	20			168	49	32	02	07		003		LEF
SA	1845	250 -BKN	20			171	47	32	21	02		003	305 1008	LEF
SA	1946	250 -BKN	20			171	43	31	06	06		003		LEF
SA	2047	250 - SCT	20			171	40	31	10	05		004		LEF
SA	2148	250 - SCT	20			168	38	29	08	04		003	000 1006 60	LEF
SA	2245	250 -SCT	20			163	40	31	01	05		003		LEF
SA	2347	250 - BKN	20			176 CT	39	30	11	03		004		LEF

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

FM11V: iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $f_gT_gg_{po}$ $6P_oP_oP_oP_o$ 7RRR$_{is}$ $8N_sC_ah_ah_a$ 9$S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 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 (%)	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	26.755	39.8	35.8	69	10	10	CS	250												2	7	035			00-01
01 46	26.760	37.8	34.0	69	10															3					01-02
02 48	26.760	38.0	34.4	71	10															2					02-03
03 49	26.745	38.0	33.9	67	10	10	Cs	250												1	8	.010			03-04
04 46	26.725	36.1	33.1	75	10															1					04-05
05 47	26.710	35.8	32.7	74	10															0					05-06
06 47	26.715	35.5	32.6	75	4	4	Cs	250												0	5	.030			06-07
07 47	26.730	37.9	34.0	69	0															0					07-08
08 48	26.730	46.8	39.2	51	0															0					08-09
09 48	26.730	49.8	40.9	46	0	0	Ci	250												0	0	.015			09-10
10 46	26.700	54.7	42.8	36	1															0					10-11
11 47	26.650	56.6	43.7	34	1															0					11-12
12 48	26.620	59.5	45.7	33	3	0	Ac	180	3	Cs	250	3								0	7	.110			12-13
13 47	26.590	58.8	45.2	33	2															0					13-14
14 53	26.590	58.0	45.2	36	9															1					14-15
15 47	26.605	56.5	44.4	39	8	8	CS	250												2	5	015			15-16
16 49	26.600	49.8	41.0	47	9															2					16-17
17 46	26.615	48.5	40.8	52	9															3					17-18
18 45	26.620	46.5	39.9	57	9	9	CS	250												2	3	015			18-19
19 46	26.620	43.0	37.8	63	6															1					19-20
20 47	26.630	40.0	36.0	69	5															1					20-21
21 48	26.620	37.8	34.0	69	4	4	Ci	250												0	0	000			21-22
22 45	26.620	40.0	36.0	69	4															0					22-23
23 47	26.630	38.5	35.0	72	6															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		41	38										
	0345	1	0	0	0	42	38		0								
	0945	2	0	0	0	50	35		0								
	1542	3	0	0	0	60	50		0								
	2143	4	0	0	0	57	38		0								
	MID.		0	0	0	41	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.745	26.730	26.605	26.620
BAROGRAPH 64	26.730	26.720	26.590	26.605
BAR. CORR. 65	+.015	+.010	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	35	0	0	0	12	SW	1405					3	6		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) 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: 0505 P 1 SEC SLOW 2312 1 SEC SLOW

☆U.S. GOVERNMENT PRINTING OFFICE: 1971-455-076/1793 Region 4

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 DEC 16

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. SERVER'S INITIALS (15)
SA	0047	250 -BKN	20			161	38	31	09	03		003	000 1008	LEF
SA	0145	250 -BKN	20			166	36	30	10	03		004		LEF
SA	0245	250 -BKN	20			170	36	30	09	05		005		LEF
SA	0349	250 -OVC	20			175	37	30	32	02		006	110 1007 36 RADAT 40107	JD
SA	0447	250 -OVC	20			173	47	28	03	14		006		JD
SA	0547	250 -OVC	20			178	48	29	04	14		008		JD
SA	0648	250 -OVC	20			191	45	28	03	16		011	314 1007	JD
SA	0747	E250 OVC	20			198	46	27	03	16		013	B1NOVC N	JD
SA	0848	E250 BKN	20			210	46	27	04	14		015		JD
SA	0949	250 -BKN	20			217	49	25	04	14		017	220 1008 36	JD
SA	1048	250 -BKN	20			214	53	26	04	12		017		JD
SA	1147	250 -BKN	20			202	56	25	03	11		015		JD
SA	1247	250 -SCT	20			195	57	25	03	10		013	815 1001	JD
SA	1347	250 -SCT	20			194	58	24	03	10		012		JD
SA	1450	CLR	20			189	59	20	03	07		011		JD
SA	1545	CLR	20			193	59	24	10	07		012	502 1008 60 RADAT 20112	CG
SA	1647	CLR	20			195	53	25	11	08		013		CG
SA	1751	CLR	20			201	46	23	07	06		014		CG
SA	1847	CLR	20			212	45	20	02	07		016	214	CG
SA	1946	CLR	20			215	45	18	05	12		017		CG
SA	2049	CLR	20			220	44	15	08	10		018		CG
SA	2147	CLR	20			220	46	13	05	15		019	210 60	CG
SA	2247	CLR	20			223	45	18	10	05		021		CG
SA	2355	CLR	20			224	44	9	05	13		022		CG

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

FM11V: iiiii Nddff VVwwW PPPTT $4h_0C_LhC_MC_H$ 7_dE_gGGGG $6P_0P_0P_0P_0$ $7RRR_{is}$ $8N_sC_hh_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4E_sT_xT_nT_n$

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 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 47	26.620	38.4	35.0	73	8	8	CS	250												1	0	000			00-01
01 45	26.630	36.2	33.7	78	8															1					01-02
02 45	26.640	36.4	33.8	78	7															1					02-03
03 49	26.650	36.6	33.9	77	10	10	CS	250												1	1	.030			03-04
04 47	26.650	46.7	38.7	48	10															1					04-05
05 47	26.665	48.3	39.7	47	10															1					05-06
06 48	26.690	45.4	37.9	50	10	10	CS	250												2	3	.040			06-07
07 47	26.705	45.6	37.8	48	10															7					07-08
08 48	26.730	45.9	37.8	47	9															7					08-09
09 49	26.750	48.8	38.9	40	9	9	CS	250												3	2	.060			09-10
10 48	26.750	52.5	40.9	35	8															1					10-11
11 47	26.725	55.7	42.4	31	6															1					11-12
12 47	26.705	57.0	42.8	28	2	2	CI	250												0	8	.045			12-13
13 47	26.700	58.1	43.1	26	1															0					13-14
14 50	26.690	59.0	42.7	22	0															0					14-15
15 45	26.700	59.2	43.7	26	0	0	CS	250												0	5	.005			15-16
16 47	26.710	53.1	40.9	33	0															0					16-17
17 51	26.720	45.9	36.8	41	0															0					17-18
18 47	26.740	44.8	35.4	37	0															0	2	.040			18-19
19 46	26.750	45.1	35.0	34	0															0					19-20
20 49	26.760	44.1	33.7	31	0															0					20-21
21 47	26.770	46.0	34.4	26	0															0	2	.030			21-22
22 47	26.780	44.9	34.7	33	0															0					22-23
23 55	26.790	43.9	32.4	23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s P_s D_s H_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	39	36		X	X	X	X	X	X	X		
	0344	1	0	0	0	41	36		0								
	0945	2	0	0	0	49	36		0								
	1541	3	0	0	0	60	49		0								
	2143	4	0	0	0	59	44		0								
	MID.	X	0	0	0	46	43		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1544	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.750	26.780	26.770
BAROGRAPH 64	26.630	26.735	26.785	26.760
BAR. CORR. 65	+.020	+.015	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	36	0	0	0	23	NE	0817					5	4		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0510P 1 SEC SLOW 2110 1 SEC. SLOW

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

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 DEC 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 (10's Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0050	CLR	20			221	43	11	05	14		021	003	CG
SA	0151	CLR	20			228	44	14	05	12		023		CG
SA	0245	CLR	20			235	43	11	05	13		025		CG
SA	0345	CLR	20			235	42	13	04	14		025	114 42 RADAT 22114	RK
SA	0445	CLR	20			243	40	13	02	12		026		RK
SA	0545	CLR	20			251	40	14	04	13		027		RK
SA	0645	~~CLR~~ 250 - BKN	20			257	40	14	04	15		028	310 1006	RK
SA	0745	250 - BKN	20			260	41	15	04	13		030		RK
SA	0845	250 - BKN	20			268	44	10	03	16		032		RK
SA	0945	250 - BKN	20			269	48	4	03	08		034	217 1008 39	RK
SA	1045	250 - BKN	20			265	52	3	10	15		033		RK
SA	1145	250 - BKN	20			251	54	8	13	13		029		RK
SA	1245	250 - BKN	20			240	57	4	12	16		026	824 1008	RK
SA	1345	250 - BKN	20			228	57	1	11	14		023		RK
SA	1451	250 - BKN	20			233	57	6	12	17		024		RK
SA	1549	250 - BKN	20			238	55	9	12	13		025	503 1008 58 RADAT 31158	CG
SA	1645	250 SCT	20			243	50	12	12	10		025		CG
SA	1748	250 SCT	20			245	45	13	10	10		025		CG
SA	1847	250 SCT	20			248	46	16	12	14		026	303 1008	CG
SA	1953	250 SCT	20			258	41	13	06	03		028		CG
SA	2046	E 250 BKN	20			259	42	14	01	06		029		CG
SA	2149	250 - BKN	20			258	41	15	06	05		029	110 1008 58	CG
SA	2245	E 250 BKN	20			256	40	12	02	06		029		CG
SA	2346	E 250 OVC	20			246	41	18	12	08		027		CG

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

FM11V: Ihii Nddff VVwwW PPPTT 'NhCLhCMCH T_dT_dpp 6P_0P_0P_0P_0 7RRR_tR 8N_sCh h_s 9S_pS_pS_pS_p 2R_24R_24R_24R_24 3P_wP_wH_wH_w 4d_wd_wP_wH_wH_w 4T_xT_xT_nT_n

U.S. GPO 1930-0-665-115: 1:08

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NV

DATE 1981 DEC 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	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	26.780	42.8	32.2	27	0															0	0	.010			00-01
01 51	26.800	43.8	33.4	30	0															0					01-02
02 45	26.820	42.5	32.0	28	0															0					02-03
03 45	26.820	42.1	32.1	30	0															0	1	.040			03-04
04 45	26.830	40.1	30.8	32	0															0					04-05
05 45	26.840	40.1	31.0	34	0															0					05-06
06 45	26.850	40.0	31.0	34	8	8	Cs	250												1	3	.030			06-07
07 45	26.860	40.8	31.6	34	9															1					07-08
08 45	26.885	43.8	32.5	25	9															1					08-09
09 45	26.900	48.0	33.9	16	9	9	Cs	250												1	2	.050			09-10
10 45	26.890	52.2	36.1	13	9															1					10-11
11 45	26.855	54.4	38.0	15	9															2					11-12
12 45	26.830	57.1	38.9	11	9	9	Cs	250												2	8	.070			12-13
13 45	26.800	57.2	38.5	10	9															2					13-14
14 51	26.810	57.0	39.1	13	9															2					14-15
15 49	26.820	54.7	38.4	16	9	9	Cs	250												3	5	.010			15-16
16 45	26.820	50.1	36.4	21	3															2					16-17
17 48	26.820	44.9	33.7	27	3															2					17-18
18 47	26.830	45.5	34.1	27	3	3	Cs	250												2	3	.010			18-19
19 53	26.850	40.7	31.1	31	3															2					19-20
20 46	26.860	41.8	32.0	32	8															5					20-21
21 49	26.860	41.4	31.9	33	8	8	Cs	250												4	1	.030			21-22
22 45	26.860	39.7	30.4	31	9															6					22-23
23 46	26.840	40.9	32.6	40	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 0342		0	0		44	42										
	0342	1	0	0	0	46	42		0								
	0942	2	0	0	0	48	39		0								
	1544	3	0	0	0	58	48		0								
	2145	4	0	0	0	55	39		0								
	MID.		0	0	0	42	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.900	26.820	26.860
BAROGRAPH 64	26.810	26.900	26.820	26.860
BAR. CORR. 65	+010	0*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'D (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	39	0	0	0	19	NE	1601					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: 0755 P 1 Sec Slow / 2310 PST RESET ON TIME

*BAROGRAM CHANGED - RESET TO ZERO

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 DEC 18

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4a) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0049	E250 OVC	20			247	39	14	04	02		027	807 1007	CG
SA	0149	E250 OVC	20			248	35	14	04	04		027		CG
SA	0245	250-OVC	20			243	37	16	05	04		026		CG
SA	0347	250 -OVC	20			239	36	14	05	05		024	810 1007 35 RADAT 20124	RK
SA	0446	250 -OVC	20			232	33	13	04	06		021		RK
SA	0545	250 -OVC	20			244	36	16	05	05		024		RK
SA	0645	250 -OVC	20			247	35	17	36	03		025	303 1007	RK
SA	0745	250 -OVC	20			246	36	15	35	06		024		RK
SA	0845	E250 OVC	20			246	40	15	13	04		024		RK
SA	0945	140 SCT E250 OVC	20			247	47	16	26	05		026	303 1037 33	RK
SA	1045	140 SCT E250 OVC	20			239	49	16	01	03		024		RK
SA	1149	140 SCT E250 OVC	20			233	51	10	11	05		023		RK
SA	1247	140 SCT E250 OVC	20			220	53	9	15	07		019	822 1037	RK
SA	1345	140 SCT E250 OVC	20			220	53	10	13	07		018		RK
SA	1451	140 SCT E250 OVC	20			211	53	7	14	06		016		RK
SA	1546	140 SCT E250 OVC	20			214	51	10	11	08		016	608 1057 54 RADAT 59122	CG
SA	1646	E140 BKN 250 OVC	20			220	48	12	12	10		017		CG
SA	1747	E140 BKN 250 OVC	20			219	47	14	10	05		017		CG
SA	1849	E140 BKN 250 OVC	20			221	45	14	36	05		017	103 1057	CG
SA	1949	E140 BKN 250 OVC	20			221	44	17	11	05		017		CG
SA	2050	E140 BKN 250 OVC	20			218	44	14	32	04		017		CG
SA	2146	E140 BKN 250 OVC	20			216	42	19	07	03		017	400 1057 54	CG
SA	2247	E140 BKN 250 OVC	20			213	44	17	09	03		017		CG
SA	2351	E140 BKN 250 OVC	20			208	44	19	17	03		016		CG

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 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 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	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	26.840	38.8	30.4	36	10	10	Cs	E250												7	8	.020			00-01
01 49	26.840	35.1	28.3	42	10															7					01-02
02 45	26.830	37.3	30.0	42	10															5					02-03
03 47	26.810	35.5	28.5	41	10	10	Cs	250												3	8	030			03-04
04 46	26.780	33.4	27.0	42	10															4					04-05
05 45	26.810	35.7	29.0	44	10															4					05-06
06 45	26.820	34.7	28.6	47	10	10	Cs	250												4	3	010			06-07
07 45	26.810	36.2	29.1	42	10															5					07-08
08 45	26.810	40.4	31.5	35	10															9					08-09
09 45	26.830	46.8	35.5	29	10	2	Ac	140	10	Cs	E250	10								9	3	010			09-10
10 45	26.810	48.9	36.6	27	10															9					10-11
11 49	26.800	51.1	36.6	19	10															10					11-12
12 47	26.765	53.0	37.5	17	10	2	Ac	140	10	Cs	E250	10								8	8	065			12-13
13 45	26.760	53.4	37.8	17	10															9					13-14
14 51	26.740	53.1	37.2	15	10															10					14-15
15 46	26.740	50.6	36.4	19	10	4	Ac	140	10	Cs	E250	10								10	6	.025			15-16
16 46	26.750	48.3	35.4	23	10															10					16-17
17 47	26.750	46.8	35.0	26	10															10					17-18
18 49	26.750	45.4	34.1	27	10	7	Ac	E140	10	Cs	250	10								10	1	.010			18-19
19 49	26.750	43.6	33.8	33	10															10					19-20
20 50	26.750	44.3	33.5	29	10															10					20-21
21 46	26.750	41.8	33.3	39	10	8	Ac	E140	10	Cs	250	10								10	4	.000			21-22
22 47	26.750	43.8	34.0	34	10															10					22-23
23 51	26.740	43.9	34.4	36	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	41	35	X	X						X		
	0345	1	0	0	0	42	35		0								
	0942	2	0	0	0	47	33		0								
	1541	3	0	0	0	54	47		0								
	2140	4	0	0	0	51	42		0								
	MID.	X	0	0	0	44	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.830	26.740	26.750
BAROGRAPH 64	26.810	26.830	26.740	26.750
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	33	0	0	0	12	E	1542					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0800 ON TIME / 2120 PST 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 DEC 19

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hrs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	E140 BKN 250 OVC	20			211	44	18	36	06		017	500 1037	CG
SA	0151	140 SCT E250 OVC	20			216	41	18	29	07		018		CG
SA	0250	140 SCT 250 -BKN	20			213	40	18	09	03		017		CG
SA	0349	140 SCT 250 -BKN	20			205	39	16	11	03		014	810 1038 39 RADAT 65121	RK
SA	0446	140 SCT 250 -BKN	20			213	39	16	25	03		016		RK
SA	0549	140 SCT 250 -BKN	20			213	41	15	07	13		016		RK
SA	0645	140 SCT 250 -BKN	20			210	41	~~20~~	08	03		015	003 1038	RK
SA	0745	140 SCT 250 -OVC	20			220	43	11	00	00		018		RK
SA	0845	140 SCT 250 -BKN	20			215	47	10	09	03		017		RK
SA	0945	140 SCT 250 -BKN	20			214	50	10	29	03		017	007 1038 38	RK
SA	1045	140 SCT 250 - BKN	20			210	54	10	05	03		017		RK
SA	1148	250 - SCT	20			197	58	11	13	11		014		RK
SA	1245	CLR	20			193	58	7	13	09		013	814 1001	RK
SA	1347	CLR	20			182	61	8	11	05		010		RK
SA	1451	CLR	20			183	60	11	11	07		010		RK
SA	1548	140 SCT	20			181	58	13	13	09		008	614 1070 61 RADAT 48127	CG
SA	1649	140 SCT	20			179	53	15	12	09		007		CG
SA	1749	CLR	20			184	50	16	12	11		008		CG
SA	1851	CLR	20			183	47	17	10	09		007	803	CG
SA	1950	CLR	20			186	44	21	22	07		008		CG
SA	2047	CLR	20			184	44	18	30	04		008		CG
SA	2147	CLR	20			178	45	17	09	08		007	000 61	CG
SA	2248	250 SCT	20			182	42	18	08	04		008		CG
SA	2345	250 SCT	20			166	43	17	02	04		005		CG

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

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NM

DATE: 1981 DEC 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.
0049	26.750	43.7	34.1	35	10	8	Ac	E140	10	Cs	250	10								10	5	.000			00-01
0151	26.760	41.1	32.6	39	10															8					01-02
0250	26.750	40.1	31.9	40	9															4					02-03
0349	26.720	39.2	31.0	39	7	2	Ac	140	7	Cs	250	7								3	8	030			03-04
0446	26.740	39.0	30.9	39	7															2					04-05
0549	26.740	41.4	32.2	34	8															3					05-06
0645	26.730	41.0	32.6	39	8	1	Ac	140	8	Cs	250	8								3	0	010			06-07
0745	26.760	43.1	32.3	27	10															4					07-08
0845	26.750	47.1	34.4	22	9															4					08-09
0945	26.750	50.0	36.0	20	8	2	Ac	140	7	Cs	250	8								4	0	020			09-10
1045	26.750	54.2	38.2	17	7															3					10-11
1148	26.720	58.3	40.5	15	2															0					11-12
1245	26.710	58.4	40.0	13	0	0	Cs	250												0	8	040			12-13
1347	26.680	60.8	41.3	12	0															0					13-14
1451	26.680	60.2	41.5	14	0															0					14-15
1548	26.670	58.0	40.8	17	1	1	Ac	140												1	6	.040			15-16
1649	26.660	52.8	38.4	22	1															1					16-17
1749	26.670	49.6	36.9	26	0															0					17-18
1851	26.660	47.1	35.9	30	0															0	8	.010			18-19
1950	26.670	43.6	34.8	40	0															0					19-20
2047	26.670	44.1	34.3	34	0															0					20-21
2147	26.660	44.9	34.7	33	0															0	0	.000			21-22
2248	26.670	41.7	33.1	39	3															2					22-23
2345	26.640	43.1	33.6	35	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		44	39										
	0346	1	0	0	0	44	39		0								
	0942	2	0	0	0	50	38		0								
	1542	3	0	0	0	61	50		0								
	2143	4	0	0	0	58	43		0								
	MID.		0	0	0	45	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.750	26.670	26.660
BAROGRAPH 64	26.730	26.750	26.660	26.660
BAR. CORR. 65	-010	0	+010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
61	38	0	0	0	16	SE	1207					5	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: 0748P ON TIME 1910PST OK

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1981 DEC 20

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	250 SCT	20			164	40	19	10	03		004	810 1008	CG
SA	0152	250-SCT	20			159	39	20	05	10		003		CG
SA	0249	CLR	20			159	40	18	02	05		003		CG
SA	0351	CLR	20			158	38	20	36	06		002	807 38 RADAT 41133	EP
SA	0455	CLR	20			158	37	20	01	03		001		EP
SA	0547	CLR	20			162	35	20	36	04		001		EP
SA	0648	CLR	20			169	36	19	33	03		003	303	EP
SA	0750	CLR	20			165	40	20	02	06		002		EP
SA	0847	CLR	20			166	47	21	03	04		003		EP
SA	0948	CLR	20			166	50	22	31	03		004	303 1100 35	EP
SA	1049	CLR	20			154	56	21	14	09		001		EP
SA	1149	CLR	20			135	59	23	13	11		997		EP
SA	1250	CLR	20			122	66	38	20	17	G26	993	734 1400	EP
SA	1350	80 SCT	20			110	67	40	19	14	G30	990		EP
SA	1450	CLR	20			105	65	33	18	14		988		EP
SA	1550	80 SCT	20			105	66	42	17	15	G28	988	617 1400 68 RADAT 25149	WRG
SA	1650	CLR	20			103	64	42	20	22	G31	987	Few SC SE	WRG
SA	1750	CLR	20			100	63	43	21	20	G30	986		WRG
SA	1850	CLR	20			096	62	45	19	27	G37	984	PK WND 1937/45 710	WRG
SA	1950	CLR	20			090	62	40	21	23	G31	983	PK WND 1943/33	WRG
SA	2050	CLR	20			083	60	43	20	20	G40	982	PK WND 2040/47	WRG
SA	2150	CLR	20			086	60	40	21	22	G30	983	PK WND 1945/14 50368	WRG
SA	2250	80 SCT	20			084	58	38	20	20	G31	983		WRG
SA	2350	CLR	20			083	56	39	19	18	G28	983		WRG

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

FM11V: iiii 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 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 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 51	26.630	39.7	32.1	43	3	3	CS	250												2	8	.030			00-01
01 52	26.620	37.1	31.9	46	2															1					01-02
02 49	26.620	37.9	31.8	40	0															0					02-03
03 51	26.610	38.2	31.4	47	0															0	8	.020			03-04
04 55	26.600	36.6	30.5	50	0															0					04-05
05 47	26.600	34.8	29.4	53	0															0					05-06
06 48	26.620	36.3	30.2	50	0															0	3	.010			06-07
07 50	26.610	39.9	32.5	44	0															0					07-08
08 47	26.620	47.0	36.8	36	0															0					08-09
09 48	26.630	49.9	38.5	33	0	0	CI	80												0	3	.010			09-10
10 49	26.600	55.7	41.1	25	0															0					10-11
11 49	26.560	59.2	43.5	25	0															0					11-12
12 50	26.530	66.1	51.1	35	0	0	SC	80												0	7	.100			12-13
13 50	26.500	66.6	52.0	37	1															1					13-14
14 50	26.480	64.5	48.9	31	0															0					14-15
15 50	26.450	66.0	52.9	42	3	3	SC	80												3	6	.050			15-16
16 50	26.475	64.4	52.0	44	0															0					16-17
17 50	26.460	63.2	51.9	47	0															0					17-18
18 50	26.450	62.0	52.4	53	0															0	7	.030			18-19
19 50	26.440	62.2	50.5	45	0															0					19-20
20 50	26.430	60.1	50.7	53	0															0					20-21
21 50	26.440	59.9	49.3	47	0															0	5	.010			21-22
22 50	26.440	57.7	47.5	47	1															1					22-23
23 50	26.440	55.7	46.9	53	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	43	38	X	X						X		
	0345	1	0	0	0	45	38		0								
	0944	2	0	0	0	50	35		0								
	1546	3	0	0	0	68	50		0								
	2146	4	0	0	0	66	60		0								
	MID.	X	0	0	0	60	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.630	26.480	26.440
BAROGRAPH 64	26.600	26.620	26.475	26.420
BAR. CORR. 65	+.010	+.010	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	35	0	0	0	45	S	2114					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: 1801 CLOCK OK

2258 CLOCK ON TIME

MF1-TGA (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1991 DEC 21

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	J.B. SERIES OR INITIALS (14)
SA	0050	CLR	20			080	54	38	19	12 G22		983	400	WRG
SA	0150	CLR	20			083	53	37	25	12		984		WRG
SA	0250	CLR	20			082	52	35	21	20 G31		983		WRG
SA	0350	CLR	20			085	51	35	25	14		984	303 51 RADAT 20109	EP
SA	0448	CLR	20			091	49	36	24	13		986		EP
SA	0546	100SCT E250 BKN	20			103	50	35	32	11		989		EP
SA	0650	E70 BKN 250 OVC	20			107	49	35	29	04		990	117 1507	EP
SA	0747	E70 BKN	20			115	49	36	33	06		992	VIRGA NW-N	EP
SA	0847	E70 BKN	20			123	51	29	02	07		994		EP
SA	0950	70SCT E80 BKN	20			125	55	27	26	04		996	117 1800 49	EP
SA	1048	80SCT	20			123	54	33	26	04		994		EP
SA	1148	80 SCT	20			113	55	28	25	10		992		EP
SA	1250	80 SCT	20			106	58	20	27	12		989	CB OVR MTNS SE/8.9 1900	EP
SA	1349	E80 BKN	20			107	56	19	31	15 G28		989	CU BLDG ALQDS RWU	EP
/													CB SE MOVG NW	/
SA	1450	80 SCT	20			109	56	12	35	17 G26		990	CB S MOVG W	EP
SA	1550	80 SCT	20			114	55	16	35	12		991	CB DSIPTD 305	-
~~SA~~	~~1650~~												1200 59 RADAT 36078	WRG
SA	1650	CLR	20			117	51	15	35	10		991	FEW SC S AND NW	WRG
SA	1750	CLR	20			134	46	18	36	10		995		WRG
SA	1850	80 SCT	20			146	49	19	36	12		999	325 1400	WRG
SA	1950	80 SCT	20			157	48	19	31	11		002		WRG
SA	2050	80 SCT	20			170	45	20	02	13		005		WRG
SA	2150	CLR	20			178	45	23	36	11 G19		008	229 59 CC	WRG
SA	2250	CLR	20			187	43	22	36	16 G24		011		WRG
SA	2350	CLR	20			193	42	24	02	12		012		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_gT_gapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sC_ch_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 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 50	26.440	54.4	45.9	53	0															0	4	.000			00-01
01 50	26.450	53.4	45.0	53	0															0					01-02
02 50	26.440	52.2	43.9	52	0															0					02-03
03 50	26.450	51.3	43.3	53	0															0	3	.010			03-04
04 48	26.460	49.0	42.6	60	0															0					04-05
05 46	26.490	49.8	42.5	55	8															8					05-06
06 50	26.500	48.8	42.2	59	10	9	SC	E70	1	CS	250	10								10	1	.050			06-07
07 47	26.520	48.9	42.6	61	9															9					07-08
08 47	26.540	51.1	41.1	42	7															7					08-09
09 50	26.550	54.6	42.2	34	6	2	CU	70	4	SC	E80	6								6	1	.050			09-10
10 48	26.540	54.2	43.9	44	1															1					10-11
11 48	26.515	55.2	43.0	35	1															1					11-12
12 50	26.495	57.9	42.0	22	3	3	CB	80												3	8	.055			12-13
13 49	26.495	56.2	41.0	23	7															7					13-14
14 50	26.500	55.4	39.5	17	5															5					14-15
15 50	26.510	55.2	39.8	21	2	2	CU	80												2	3	.015			15-16
16 50	26.510	51.1	37.5	23	0															0					16-17
17 50	26.550	46.3	35.5	32	0															0					17-18
18 50	26.565	49.0	37.4	30	2	2	SC	80												2	3	.075			18-19
19 50	26.610	48.4	36.9	31	1															1					19-20
20 50	26.640	45.1	35.4	36	1															1					20-21
21 50	26.670	44.8	36.1	42	0															0	2	.035			21-22
22 50	26.690	43.2	35.0	43	0															0					22-23
23 50	26.700	42.0	34.7	48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		56	51										
	0345	1	0	0	0	60	51		0								
	0945	2	0	0	0	55	49		0								
	1546	3	0	0	0	59	54		0								
	2146	4	0	0	0	55	45		0								
	MID.		0	0	0	45	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.550	26.510	26.670
BAROGRAPH 64	26.435	26.540	26.480	26.620
BAR. CORR. 65	+.015	+.010	+.030	+.050

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 GUSTS: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	42	0	0	0	31	SW	0240					5	3		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: 1005 CLOCK ON TIME
2320 CLOCK ON TIME

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-655-076/1093 Region

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1981 DEC 22

TO CONVERT LST TO GMT ADD 4 hrs. SUBTRACT ___ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY Mi. SURFACE (4)	VISIBILITY Mi. TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. Mbs. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION 100-36 (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			200	39	23	20	06		014	217	WRG
SA	0150	CLR	20			212	34	22	01	08		016		WRG
SA	0250	CLR	20			219	33	22	10	03		018		WRG
SA	0350	CLR	20			228	33	22	04	06		021	220 33 RADAT 65054	EP
SA	0446	CLR	20			235	33	22	34	05		022		EP
SA	0547	CLR	20			238	37	19	03	12		023		EP
SA	0648	E250 BKN	20			246	33	21	05	09		025	317 1008	EP
SA	0749	E 180 BKN	20			250	36	21	04	10		026		EP
SA	0851	E 180 OVC	20			255	37	20	05	10		027		EP
SA	0948	E 250 BKN	20			257	40	16	07	13		028	210 1008 33	EP
SA	1047	150 SCT E250 BKN	20			250	42	11	06	12		026		EP
SA	1147	E250 BKN	20			235	46	7	03	13	G21	023		EP
SA	1250	E 250 BKN	20			226	46	6	03	14		020	827 1001	EP
SA	1346	E 250 BKN	20			221	47	8	05	12		017		EP
SA	1450	250-SCT	20			213	47	5	04	06		015		EP
SA	1550	250 SCT	20			215	46	2	04	07		015	614 1001 48 RADAT 23060	WRG
SA	1650	250 - SCT	20			214	41	4	07	06		014		WRG
SA	1750	250 -SCT	20			219	35	2	06	07		015		WRG
SA	1850	CLR	20			227	33	1	05	08		016	303	WRG
SA	1950	CLR	20			225	32	-1	10	04		016		WRG
SA	2050	CLR	20			222	35	-2	35	04		016		WRG
SA	2150	CLR	20			220	36	5	36	06		016	400 48	WRG
SA	2250	CLR	20			226	30	0	05	05		017		WRG
SA	2350	CLR	20			222	27	14	06	08		016		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_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1991 DEC 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 50	26.720	39.3	33.0	51	0															0	2	.050			00-01
01 50	26.740	34.3	29.9	61	0															0					01-02
02 50	26.760	32.8	29.0	64	0															0					02-03
03 50	26.780	33.2	29.1	62	0															0	2	.060			03-04
04 46	26.790	33.2	29.2	63	0															0					04-05
05 47	26.800	36.8	30.4	48	0															0					05-06
06 48	26.820	32.9	28.8	62	9	9	CS	E250												8	3	.040			06-07
07 49	26.830	35.5	30.2	55	9															9					07-08
08 51	26.840	37.1	30.8	49	10															9					08-09
09 48	26.850	39.7	31.2	37	9	9	CS	E250												7	2	.030			09-10
10 47	26.830	41.9	31.5	28	7															4					10-11
11 47	26.800	45.5	33.0	20	7															4					11-12
12 50	26.770	45.5	32.8	19	6	6	CI	E250												4	8	.080			12-13
13 46	26.750	46.8	33.9	20	7															4					13-14
14 50	26.730	46.8	33.0	18	5															2					14-15
15 50	26.730	46.2	32.7	16	2	2	CI	250												2	6	.040			15-16
16 50	26.720	41.3	30.0	21	2															1					16-17
17 50	26.730	35.0	26.0	24	2															1					17-18
18 50	26.740	33.3	29.9	25	0															0	3	.010			18-19
19 50	26.740	32.3	29.0	24	0															0					19-20
20 50	26.740	35.4	25.8	20	0															0					20-21
21 50	26.740	36.3	27.2	26	0															0	4	.000			21-22
22 50	26.750	30.0	22.6	27	0															0					22-23
23 50	26.740	27.4	21.3	33	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL STATE & DIR. 52	SWELL PERIOD 53	SURF H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		42	33										
	0345	1	0	0	0	45	33		0								
	0943	2	0	0	0	40	33		0								
	1546	3	0	0	0	48	40		0								
	2146	4	0	0	0	46	31		0								
	MID.		0	0	0	36	27										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.850	26.730	26.740
BAROGRAPH 64	26.720	26.850	26.740	26.740
BAR. CORR. 65	+.060	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	27	0	0	0	21	NE	1143					6	3		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 1104 CLOCK OK 2259 CLOCK OK

* BAROGRAPH RESET TO ZERO CORRECTION 0355P

☆U.S. GOVERNMENT PRINTING OFFICE: 1971-455-076/1793 Region-No.

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 DEC 23

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (100-360) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 SCT	20			218	29	6	35	07		015	803 1004	WRG
SA	0150	160 SCT 250 SCT	20			218	28	5	02	06		015		WRG
SA	0250	160 SCT	20			209	33	14	35	05		014		WRG
SA	0349	160 SCT	20			211	32	13	03	04		014	203 1020 27	JC
/													RADAT 33051	/
SA	0448	160 SCT	20			215	30	12	01	07		014		JC
SA	0549	160 SCT	20			225	33	15	03	13		016		JC
SA	0652	CLR	20			229	34	14	05	11		017	310 1020	JC
SA	0747	CLR	20			237	35	16	04	13		020		JC
SA	0848	CLR	20			242	37	19	05	13		022		JC
SA	0949	CLR	20			241	38	23	05	19		022	114 1001 27	JC
SA	1048	CLR	20			242	41	14	02	12		022		JC
SA	1147	CLR	20			234	43	10	03	13		020		JC
SA	1252	250 - SCT	20			226	45	10	02	07		017	814 1001	JC
SA	1350	250 - SCT	20			217	46	11	07	07		015		JC
SA	1449	250 - BKN	20			214	46	14	36	08		015		JC
SA	1550	180 SCT 250 - BKN	20			221	44	9	10	07		016	503 1024 47 RADAT 32055	WRG
SA	1650	180 SCT 250 - OVC	20			218	42	8	11	12		015		WRG
SA	1750	250 - BKN	20			222	40	9	09	03		016		WRG
SA	1850	250 - BKN	20			225	39	6	09	09		017	303 1009	WRG
SA	1950	250 - SCT	20			234	36	7	05	10		019		WRG
SA	2050	250 SCT	20			242	34	7	04	12		022		WRG
SA	2150	CLR	20			243	32	5	04	08		022	114 47	WRG
SA	2250	CLR	20			245	32	6	03	07		023		WRG
SA	2350	CLR	20			245	29	9	04	07		023		WRG

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

FM11V: Ni... Nddff VVwwW PPPTT $V_hC_LhC_MC_H$ $T_dT_dT_dpp$ $6P_0P_0P_0P_0$ $7RRR_{ts}$ $8N_sC_hh_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_eT_eT_nT_n$

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1991 DEC 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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.730	29.0	22.9	37	3	3	Ci	250												2	8	.010			00-01
01 50	26.730	28.3	22.4	37	2															2					01-02
02 50	26.720	32.7	26.8	45	1															1					02-03
03 49	26.720	31.7	26.0	46	1	1	Ac	160												1	7	.010			03-04
04 48	26.720	30.3	24.9	46	1															1					04-05
05 49	26.740	33.1	22.2	46	1															1					05-06
06 52	26.750	34.2	27.7	43	0	0	Ac	160												0	3	.030			06-07
07 47	26.770	34.5	28.4	47	0															0					07-08
08 45	26.790	36.8	30.4	48	0															0					08-09
09 49	26.790	38.0	32.2	54	0	0	Ci	250												0	1	.040			09-10
10 48	26.790	41.4	32.0	33	0															0					10-11
11 47	26.770	43.2	32.1	25	0															0					11-12
12 52	26.750	44.8	33.1	24	2	2	Ci	250												0	8	.040			12-13
13 50	26.730	46.2	34.1	24	5															0					13-14
14 45	26.730	46.4	34.5	27	8															1					14-15
15 50	26.740	44.0	32.4	23	8	2	As	180	6	Ci	250	8								3	5	.010			15-16
16 50	26.730	41.9	30.9	24	10															4					16-17
17 50	26.740	39.7	29.8	28	8															4					17-18
18 50	26.750	38.8	28.9	25	7	7	Cs	250												3	3	.010			18-19
19 50	26.770	36.2	27.5	29	5															2					19-20
20 50	26.790	34.1	26.3	32	3															2					20-21
21 50	26.790	32.2	24.8	34	0															0	1	.040			21-22
22 50	26.800	31.9	24.7	33	0															0					22-23
23 50	26.800	28.8	23.4	43	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s H_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		33	27										
	0347	1	0	0	0	36	27		0								
	0947	2	0	0	0	39	30		0								
	1546	3	0	0	0	47	38		0								
	2146	4	0	0	0	44	32		0								
	MID.		0	0	0	32	29										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.790	26.740	26.790
BAROGRAPH 64	26.710	26.790	26.740	26.790
BAR. CORR. 65	+.010	±0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	27	0	0	0	19	NE	0927					2	3		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: ON TIME 1112P

ON Time 2330P

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-026/1093 Region

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 DEC 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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			245	27	9	32	04		023	103	WRG
SA	0150	CLR	20			246	32	11	23	04		024		WRG
SA	0250	CLR	20			254	29	7	07	05		026		WRG
SA	0349	CLR	20			251	25	6	30	04		024	003 24 RADAT ZERO	JC
SA	0448	CLR	20			252	26	9	08	06		024		JC
SA	0550	CLR	20			265	25	9	25	02		027		JC
SA	0647	250 - SCT	20			263	25	6	35	02		026	007 1001	JC
SA	0748	CLR	20			264	26	9	13	03		026	FEW Ci	JC
SA	0847	CLR	20			262	35	13	12	03		027		JC
SA	0949	250 - SCT	20			256	40	12	14	02		026	000 1001 24	JC
SA	1045	250 - SCT	20			253	45	6	29	04		026		JC
SA	1144	250 - BKN	20			240	46	11	23	06		022		JC
SA	1249	250 - BKN	20			230	46	11	19	06		018	824 1001	JC
SA	1348	250 - OVC	20			214	48	15	24	08		015		JC
SA	1445	E250 OVC	20			216	47	14	23	11		015		JC
SA	1551	E250 OVC	20			229	47	9	23	03		018	500 1077 48	/
/							46	8				(	RADAT 71H 074 080 094	HS
SA	1651	E250 OVC	20			226	46	8	21	05		017	FEW AC	HS
SA	1749	E250 OVC	20			233	42	10	28	04		018		HS
SA	1851	250-BKN	20			239	42	9	35	02		020	303 1008	HS
SA	1948	250 - SCT	20			237	36	14	06	03		018		HS
SA	2046	250 - SCT	20			232	34	13	05	05		018		HS
SA	2150	250 - SCT	20			225	34	14	08	02		017	707 1008 48	HS
SA	2248	CLR	20			220	33	15	19	02		016		HS
SA	2348	CLR	20			216	32	14	07	02		015		HS

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

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

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: USAF DESERT ROCK, NV

DATE: 1981 DEC 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 50	26.800	26.8	22.0	45	0															0	1	.010			00-01
01 50	26.810	31.5	25.7	42	0															0					01-02
02 50	26.830	29.0	23.2	40	0															0					02-03
03 49	26.810	24.9	20.2	43	0															0	0	.010			03-04
04 48	26.810	26.2	21.8	48	0															0					04-05
05 50	26.840	25.2	21.0	49	0															0					05-06
06 47	26.830	24.7	20.2	45	3	3	Ci	250												0	0	.020			06-07
07 48	26.830	26.4	21.8	47	0															0					07-08
08 47	26.840	35.2	28.1	40	0															0					08-09
09 49	26.830	40.4	30.8	31	2	2	Ci	250												0	0	.000			09-10
10 45	26.830	44.6	32.4	20	1															0					10-11
11 44	26.790	45.8	33.9	24	6															2					11-12
12 49	26.760	46.2	34.1	24	8	8	Ci	250												1	8	.020			12-13
13 48	26.730	48.1	35.8	26	10															3					13-14
14 45	26.730	46.6	34.9	26	10															7					14-15
15 51	26.760	46.7	34.0	21	10	0	Ac	150	10	Cs	E250	10								8	5	.000			15-16
16 51	26.750	45.6	32.7	21	10															9					16-17
17 49	26.760	42.4	31.6	26	10															9					17-18
18 51	26.770	41.7	31.0	26	8	8	Cs	250												4	3	.010			18-19
19 48	26.760	36.1	28.9	40	5															2					19-20
20 46	26.760	33.6	27.1	42	3															1					20-21
21 50	26.750	34.2	27.9	44	3	3	Cs	250												1	7	.020			21-22
22 48	26.740	32.5	26.9	48	0															0					22-23
23 48	26.730	32.4	26.6	46	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	32	24		X	X	X	X	X	X	X		
	0345	1	0	0	0	32	24		0								
	0945	2	0	0	0	42	24		0								
	1546	3	0	0	0	48	40		0								
	2145	4	0	0	0	47	34		0								
	MID.	X	0	0	0	34	32		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.830	26.760	26.750
BAROGRAPH 64	26.815	26.840	26.769	26.760
BAR. CORR. 65	-.005	-.010	±0	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	24	0	0	0	14	SE	1243					5	4		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: ON TIME 1107P ONTIME 2255P

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 25

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	250-SCT	20			210	32	15	20	03		014	812 1008	HS
SA	0148	250-SCT	20			210	32	14	16	02		014		HS
SA	0250	250-SCT	20			208	31	14	02	02		013		HS
SA	0349	250-BKN	20			199	32	13	07	02		011	808 1008 31 RADAT	JC
/													59H035089	/
SA	0450	E250 OVC	20			201	30	13	08	03		011		JC
SA	0547	E250 OVC	20			203	30	12	13	02		011		JC
SA	0646	250-OVC	20			200	29	8	13	02		010	803 1001	JC
SA	0745	250-OVC	20			207	30	9	11	02		011		JC
SA	0848	250-BKN	20			199	40	9	24	05		010		JC
SA	0949	250-BKN	20			204	44	13	15	03		012	307 1101 29	JC
SA	1044	250-OVC	20			198	47	18	23	07		011	FEW CU SE	JC
SA	1146	250-OVC	20			181	49	19	22	04		007		JC
SA	1244	250-OVC	20			174	51	24	22	10		004	824 1101	JC
SA	1346	250-OVC	20			158	53	24	23	13		000		JC
SA	1444	250-OVC	20			154	54	27	21	08		999		JC
SA	1550	250-OVC	20			148	55	25	22	07		998	620 1101 56 RADAT 67085	HS
SA	1650	250-BKN	20			156	50	23	25	06		999		HS
SA	1749	250-BKN	20			166	45	22	08	04		001		HS
SA	1848	250-SCT	20			172	43	24	13	03		002	214 1001	HS
SA	1949	CLR	20			173	40	25	08	04		002		HS
SA	2048	CLR	20			173	38	24	01	03		003		HS
SA	2150	CLR	20			170	38	24	02	05		003	103 1001 56	HS
SA	2248	CLR	20			169	36	25	15	03		003		HS
SA	2348	CLR	20			169	36	24	07	03		003		HS

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

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

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 DEC 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	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	26.715	32.1	26.7	49	3	3	Cs	250												1	8	.035			00-01
01 48	26.720	31.8	26.2	46	3															1					01-02
02 50	26.710	31.3	26.0	49	4															1					02-03
03 49	26.670	31.8	26.0	45	8	8	Cs	250												3	8	.0025			03-04
04 50	26.690	30.0	25.0	49	10															7					04-05
05 47	26.690	30.2	24.8	46	10															10					05-06
06 46	26.680	29.4	23.6	40	10	10	Ci	250												3	8	.010			06-07
07 45	26.690	30.4	24.4	40	10															1					07-08
08 48	26.680	39.8	30.0	28	9															1					08-09
09 49	26.700	43.6	33.0	29	9	0	Cu	60	9	Ci	250	9								0	3	.020			09-10
10 44	26.680	47.4	36.2	31	10															0					10-11
11 46	26.650	48.8	37.1	30	10															0					11-12
12 44	26.630	54.4	39.8	34	10	0	Cu	60	10	Ci	250	10								1	8	.020			12-13
13 46	26.590	52.2	40.3	32	10															1					13-14
14 44	26.580	53.2	41.9	35	10															0					14-15
15 50	26.570	54.9	42.0	32	10	0	Cu	60	10	Ci	250	10								1	6	.060			15-16
16 50	26.580	50.3	39.1	35	7															1					16-17
17 49	26.600	45.4	36.1	39	6															1					17-18
18 48	26.610	42.6	35.0	47	2	2	Ci	250												0	2	.040			18-19
19 49	26.610	40.1	34.2	55	0															0					19-20
20 48	26.620	38.2	32.6	56	0															0					20-21
21 50	26.620	38.4	32.8	56	0	0	Ci	250												0	1	.010			21-22
22 48	26.620	35.6	31.3	64	0															0					22-23
23 48	26.620	35.9	31.2	60	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	32	31	X	X						X		
	0345	1	0	0	0	34	31		0								
	0945	2	0	0	0	45	29		0								
	1545	3	0	0	0	56	44		0								
	2145	4	0	0	0	55	38		0								
	MID.	X	0	0	0	38	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.700	26.570	26.620
BAROGRAPH 64	26.700	26.710	26.605	26.580
BAR. CORR. 65	-.010	-.010	*-.035	-.040

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
56	29	0	0	0	14	SW	1323					10	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: ON TIME 1128 PST ON TIME 2050 P

* BAROGRAPH CHANGED RE-SET TO "0"

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 DEC 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 (Hrs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	CLR	20			160	35	23	14	02		001	807 1001	HS
SA	0149	CLR	20			160	33	23	28	03		001		HS
SA	0250	CLR	20			157	32	21	13	03		000		HS
SA	0349	CLR	20			151	33	19	29	04		999	807 31 RADAT	JC
/													69H 035086	/
SA	0450	CLR	20			155	31	19	11	02		999		JC
SA	0549	CLR	20			160	30	17	03	03		999		JC
SA	0650	~~CLR~~ 250 - SCT	20			161	30	19	19	03		999	400 1001	JC
SA	0748	250 - BKN	20			156	34	22	13	02		998		JC
SA	0845	250 - OVC	20			150	38	23	32	02		997		JC
SA	0949	250 - OVC	20			146	45	22	13	03		997	607 1101 29	JC
SA	1047	250 - OVC	20			138	49	27	21	10		994		JC
SA	1146	250 - OVC	20			129	50	23	23	07		992		JC
SA	1243	250 - OVC	20			118	52	24	25	08		989	824 1001	JC
SA	1344	E250 OVC	20			106	53	22	22	08		986		JC
SA	1445	E250 OVC	20			100	52	25	20	06		983		JC
SA	1548	250 - OVC	20			096	53	21	24	08		982	620 1001 54 RADAT 37113	HS
SA	1650	250 - BKN	20			101	50	19	34	03		983		HS
SA	1749	250 - BKN	20			105	47	22	36	07		983		HS
SA	1851	250 - SCT	20			107	49	23	35	06		984	207 1001	HS
SA	1949	250 SCT	20			105	43	25	36	02		983		HS
SA	2049	250 - SCT	20			106	41	29	36	07		984		HS
SA	2150	250 - SCT	20			101	44	28	35	06		984	500 1001 54	HS
SA	2250	250 - BKN	20			094	41	27	03	07		982		HS
SA	2349	250 - BKN	20			088	42	27	05	02		981		HS

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

FM11V: (1) NddII 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 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 2 8

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	26.600	34.6	30.4	63	0	0	Ci	250												0	8	.020			00-01
01 49	26.600	33.0	29.4	67	0															0					01-02
02 50	26.590	31.7	28.0	64	0															0					02-03
03 49	26.580	33.5	28.0	58	0															0	8	.020			03-04
04 50	26.580	30.8	27.0	61	0															0					04-05
05 49	26.580	29.7	25.8	59	0															0					05-06
06 50	26.580	30.0	26.4	63	4	4	Ci	250												0	4	.000			06-07
07 48	26.570	34.0	29.7	62	8															3					07-08
08 45	26.560	38.4	32.4	53	10															2					08-09
09 49	26.560	44.6	35.8	41	10	0	Cu	60	10	Ci	250	10								3	6	.020			09-10
10 47	26.540	49.0	39.1	40	10															4					10-11
11 46	26.520	49.8	38.8	35	10															4					11-12
12 43	26.490	51.8	40.1	34	10	10	Ci	250												4	8	.070			12-13
13 44	26.460	53.3	40.4	30	10															6					13-14
14 45	26.440	51.8	40.3	35	10															6					14-15
15 48	26.430	52.8	39.7	28	10	10	Ci	250												4	6	.060			15-16
16 50	26.440	50.1	37.8	29	9															4					16-17
17 49	26.440	46.6	36.7	37	6															2					17-18
18 51	26.450	49.1	38.4	36	3	3	Ci	250												1	2	.020			18-19
19 49	26.440	43.4	36.0	49	5															3					19-20
20 49	26.450	41.3	35.9	60	5															2					20-21
21 50	26.450	44.3	37.3	52	5	5	Ci	250												1	5	.000			21-22
22 50	26.430	40.6	35.1	59	7															2					22-23
23 49	26.420	42.2	36.0	56	6															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	36	31	X	X						X		
	0345	1	0	0	0	38	31		0								
	0945	2	0	0	0	46	29		0								
	1543	3	0	0	0	54	45		0								
	2145	4	0	0	0	53	41		0								
	MID.	X	0	0	0	44	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.560	26.430	26.450
BAROGRAPH 64	26.540	26.525	26.405	26.400
BAR. CORR. 65	+.040	+.035	+.025	+.050

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	29	0	0	0	14	W	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: ON TIME 1127 P ON TIME 2051 P

MF1-10B

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 27

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (MILES) SURFACE (4)	VISIBILITY (MILES) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	250-BKN	20			082	42	30	34	07		980	714 1001	HS
SA	0149	250-SCT	20			078	41	28	10	05		979		HS
SA	0250	250-SCT	20			078	38	30	06	02		978		HS
SA	0346	250-OVC	20			076	40	29	31	10		978	607 1007 37	MR
/													RADAT 31109	/
SA	0447	250-OVC	20			080	36	29	36	06		978		MR
SA	0546	250-OVC	20			080	35	29	02	05		977		MR
SA	0648	250-OVC	20			087	33	28	04	06		979	305 1057	MR
SA	0745	250-OVC	20			087	36	30	34	06		979	FEW Ac	MR
SA	0849	E250 OVC	20			097	43	33	30	10		982	FEW Ac	MR
SA	0948	E250 OVC	20			102	44	33	31	08		984	315 1007 33	MR
SA	1047	E250 OVC	20			106	48	33	29	04		986		MR
SA	1150	250-OVC	20			103	50	34	22	09		985	Ac NW	MR
SA	1247	250-OVC	20			098	51	34	20	06		984	000 1101	MR
SA	1347	250-OVC	20			097	54	33	31	02		984	Cu N	MR
SA	1450	250-OVC	20			098	54	32	30	02		984	Cu N	MR
SA	1550	300-OVC	20			097	54	34	22	08		984	400 1107 57 RADAT 59078	US
SA	1647	300-BKN	20			109	47	34	19	04		985		US
SA	1746	300-SCT	20			116	42	32	05	06		986		US
SA	1850	300-SCT	20			124	39	32	00	00		988	312 1001	US
SA	1950	CLR	20			129	39	31	00	00		990	CS SE	US
SA	2047	CLR	20			127	41	30	06	07		991		US
SA	2151	CLR	20			135	41	20	04	10		993	215 1008 57	US
SA	2245	CLR	20			132	39	25	06	04		993		US
SA	2348	CLR	20			134	37	27	14	03		994		US

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

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

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 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	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	26.410	42.1	36.9	62	6	6	Ci	250												2	7	.040			00-01
01 49	26.400	40.6	35.3	60	3															1					01-02
02 53	26.390	38.4	34.9	71	3															1					02-03
03 46	26.390	39.9	35.2	64	10	10	Cs	250												3	6	.020			03-04
04 47	26.390	35.8	32.8	74	10															3					04-05
05 46	26.385	35.2	32.6	77	10															3					05-06
06 48	26.405	33.4	31.4	82	10	0	Ac	90	10	Cs	250	10								4	3	.015			06-07
07 45	26.400	36.1	33.7	80	10															4					07-08
08 49	26.430	42.7	38.1	67	10															6					08-09
09 48	26.450	44.1	38.9	64	10	10	Cs	E250												6	3	.045			09-10
10 47	26.465	48.0	41.1	56	10															6					10-11
11 50	26.460	49.9	42.5	55	10															3					11-12
12 47	26.450	50.6	42.8	53	10	0	Cu	60	10	Ci	250	10								4	0	.000			12-13
13 47	26.450	54.0	43.9	45	10															3					13-14
14 50	26.450	53.5	43.2	43	10															4					14-15
15 50	26.450	53.8	44.4	48	10	0	Cu	60	10	Cs	300	10								2	4	.000			15-16
16 49	26.460	47.3	41.0	59	7															1					16-17
17 46	26.470	41.7	37.4	68	4															0					17-18
18 50	26.485	39.2	36.0	75	3	3	Ci	300												0	3	.035			18-19
19 50	26.500	38.9	35.2	72	0															0					19-20
20 47	26.510	40.8	36.0	~~49~~ 64	0															0					20-21
21 51	26.530	41.3	33.3	42	0	0	Cs	300												0	2	.045			21-22
22 45	26.530	38.5	33.3	59	0															0					22-23
23 48	26.535	37.3	33.1	66	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 0343	X	0	0	X	42	37	X	X						X		
	0343	1	0	0	0	44	37		0								
	0943	2	0	0	0	45	33		0								
	1543	3	0	0	0	57	44		0								
	2143	4	0	0	0	54	37		0								
	MID.	X	0	0	0	42	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.390	26.450	26.450	26.530
BAROGRAPH 64	26.340	26.395	26.390	26.530
BAR. CORR. 65	+.050	+.055	+.060	±0 *

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	33	0	0	0	12	NE	2146					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: Clock 1 SEC Slow AT 0536P

" ON TIME @ 2113P

* Barograph reset To Station Pressure.

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] DESERT ROCK, NV

DATE: [illegible] DEC 2 8

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT [illegible] hrs.

TYPE	TIME	SKY AND CEILING	VISIBILITY		WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP	DEW PT	WIND			ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	
			SURFACE	TOWER										
SA	0051	CLR	20			135	34	26	00	00		993	000 1008	US
SA	0149	CLR	20			142	31	23	10	04		995	CI SE	US
SA	0250	CLR	20			141	30	22	00	00		995		US
SA	0350	CLR	20			144	32	20	10	03		996	208 1007 30 RADAT	MR
/													65L034099	/
SA	0445	CLR	20			145	29	21	09	05		995		MR
SA	0548	E250 OVC	20			148	33	21	34	04		995		MR
SA	0645	E140 BKN 250 OVC	20			165	33	20	12	03		999	312 1052	MR
SA	0745	E130 BKN 250 OVC	20			171	34	21	09	02		001		MR
SA	0847	E130 BKN 250 OVC	20			168	37	19	20	04		001		MR
SA	0949	140 SCT 250-OVC	20			170	41	22	00	00		003	210 1071 ~~30~~ 29	MR
SA	1048	140 SCT 250-OVC	20			165	46	23	18	02		002		MR
SA	1148	140 SCT 250-OVC	20			154	49	27	17	04		999		MR
SA	1250	130 SCT 250-OVC	20			146	51	29	21	07		996	820 1071	MR
SA	1345	130 SCT 250-OVC	20			146	52	31	21	04		996		MR
SA	1450	E120 BKN 250 OVC	20			147	54	31	20	04		996		MR
SA	1550	130 SCT E160 BKN 250 BKN	20			147	52	32	22	08		996	400 1078 55 RADAT 35097	US
SA	1649	140 SCT 250-BKN	20			155	48	31	19	05		997		US
SA	1749	140 SCT 250-BKN	20			155	42	29	09	03		997		US
SA	1847	E140 BKN 250 BKN	20			159	42	29	09	04		998	305 1078	US
SA	1948	E140 BKN 250 BKN	20			166	40	31	00	00		000		US
SA	2047	E140 BKN 250 BKN	20			165	39	30	00	00		000		US
SA	2149	140 SCT 250-SCT	20			169	37	29	00	00		002	312 1031 55	US
SA	2248	140 SCT 250-SCT	20			169	35	29	09	03		003		US
SA	2349	CLR	20			167	36	29	01	04		003	FEW CI	US

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

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: DESERT ROCK, NV

DATE: 81 DEC 28

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 51	26.530	33.6	30.7	73	0	0	CS	300												0	0	0.00			00-01
01 49	26.550	30.8	28.2	73	0															0					01-02
02 50	26.545	30.0	27.3	71	0															0					02-03
03 50	26.555	31.6	27.8	63	0	0	CS	300												0	2	.025			03-04
04 45	26.545	28.8	26.3	72	0															0					04-05
05 48	26.550	33.0	28.7	61	10															7					05-06
06 45	26.590	32.9	28.4	58	10	7	Ac	E140	3	Ci	29	10								10	3	.035			06-07
07 45	26.605	33.9	29.2	58	10															10					07-08
08 47	26.605	37.0	30.4	47	10															9					08-09
09 49	26.620	40.9	33.6	47	10	1	Ac	140	10	Ci	250	10								3	2	.030			09-10
10 48	26.610	46.2	36.8	40	10															5					10-11
11 48	26.585	49.3	39.5	41	10															5					11-12
12 50	26.560	51.1	41.2	42	10	1	Ac	130	10	Ci	250	10								4	8	.060			12-13
13 45	26.560	51.8	42.2	45	10															4					13-14
14 50	26.560	53.6	43.1	42	10															8					14-15
15 50	26.560	52.0	42.5	45	9	3	Ac	130	3	Ac	E160	6	3	CS	250	9				7	4	0.00			15-16
16 49	26.570	47.7	40.2	52	8															4					16-17
17 49	26.570	42.1	36.7	66	8															4					17-18
18 47	26.575	41.8	36.5	61	9	6	Ac	E140	3	CS	250	9								5	3	.015			18-19
19 48	26.595	40.2	36.2	70	9															5					19-20
20 47	26.595	38.6	35.1	72	9															6					20-21
21 49	26.610	37.0	33.8	74	5	1	Ac	140	4	Ci	250	5								2	3	.035			21-22
22 48	26.615	34.6	32.2	79	5															2					22-23
23 49	26.620	36.2	33.2	75	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s H_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0.	0		37	30										
	0345	1	0	0	0	42	30		0								
	0944	2	0	0	0	41	29		0								
	1542	3	0	0	0	55	41		0								
	2142	4	0	0	0	52	37		0								
	MID.		0	0	0	37	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.555	26.620	26.560	26.610
BAROGRAPH 64	26.535	26.615	26.555	26.600
BAR. CORR. 65	0	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	10	SW	1310					10	7		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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 AT 0553P
1 SEC SLOW AT 2355P

MF1-10A
(10-78)

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

STATION: DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1981 DEC 29

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

TYPE	TIME LST	SKY AND CEILING	VISIBILITY SURFACE	VISIBILITY TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP	DEW PT	WIND DIRECTION	WIND SPEED	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER'S INITIALS
SA	0049	CLR	20			165	34	28	35	03		002	000 1001	US
SA	0149	CLR	20			166	36	29	30	08		003		US
SA	0249	CLR	20			167	32	27	10	03		003		US
SA	0350	CLR	20			166	31	27	14	02		002	000 1001 31 RADAT	MR
/													78L033092	/
SA	0447	CLR	20			172	32	26	32	02		003		MR
SA	0547	CLR	20			176	30	26	01	04		003		MR
SA	0647	CLR	20			176	30	26	03	02		003	~~C~~ 103 1005	MR
SA	0745	250-BKN	20			172	32	27	07	03		002		MR
SA	0846	250-OVC	20			169	40	27	33	06		002		MR
SA	0951	250-OVC	20			173	43	26	30	04		003	302 1001 30	MR
SA	1047	E190 BKN 250 OVC	20			164	45	27	16	02		001	BINOVC SE	MR
SA	1146	E180 BKN 250 OVC	20			147	46	24	11	07		996		MR
SA	1248	150 SCT E190 OVC	20			136	47	26	35	02		993	732 1071	MR
SA	1346	150 SCT E190 BKN 250 OVC	20			120	49	27	05	04		988	BINOVC NW	MR
SA	1450	160 SCT E250 OVC	20			117	49	26	11	05		987	SC SE	MR
SA	1550	150 SCT E180 BKN 220 OVC	20			113	50	28	10	03		986	720 1572 51 RADAT	US
—		— — —				—							80 8 101114	/
SA	1652	150 SCT E180 BKN	20			119	47	28	01	04		987		US
SA	1751	150 SCT E180 OVC	20			114	44	26	00	00		985	BINOVC OVHD	US
SA	1851	160 SCT 220 SCT	20			111	41	26	36	06		984	807 1571	US
SA	1948	160 SCT E220 BKN	20			114	40	27	17	04		985	PRES ERATIC	US
SA	2049	160 SCT E220 BKN	20			104	40	27	00	00		984		US
SA	2150	160 SCT 250-BKN	20			100	40	27	08	07		983	805 1076 51	US
SA	2247	E250 BKN	20			096	40	27	11	08		982		US
SA	2349	250 SCT	20			095	38	28	00	00		982		US

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

FM11V: 11ii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_sh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: DESERT ROCK, NV

DATE: 1981 DEC 29

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.610	34.0	31.7	79	0	0	Ci	250												0	0	000			00-01
01 49	26.620	35.7	32.8	75	0															0					01-02
02 49	26.615	31.7	29.8	80	0															0					02-03
03 50	26.610	31.2	29.6	84	0	0	Ci	250												0	0	.000			03-04
04 47	26.620	31.7	29.7	80	0															0					04-05
05 47	26.620	30.1	28.8	85	0															0					05-06
06 47	26.620	30.1	28.7	85	0	0	Ci	250												0	1	.010			06-07
07 45	26.610	32.4	30.2	79	6															1					07-08
08 46	26.610	40.2	34.7	59	10															3					08-09
09 51	26.625	43.4	36.2	50	10	10	Ci	250												5	3	.005			09-10
10 47	26.600	44.9	37.2	48	10															9					10-11
11 46	26.560	45.7	36.9	42	10															10					11-12
12 48	26.530	46.9	38.0	44	10	3	Ac	150	7	As	290	10								10	7	.095			12-13
13 46	26.490	48.6	39.2	43	10															10					13-14
14 50	26.480	48.9	39.0	40	10															6					14-15
15 50	26.470	49.6	40.0	42	9	0	Sc	30	3	Ac	150	3	4	Ac	E150	7	2	Ci	220	8	7	060			15-16
16 52	26.480	47.4	38.9	46	9															8					16-17
17 51	26.460	44.1	36.7	49	10															9					17-18
18 51	26.450	41.4	35.2	55	5	0	Sc	30	3	Ac	160	3	2	Ci	220	5				3	8	020			18-19
19 48	26.460	40.4	35.0	59	8															5					19-20
20 49	26.445	39.7	34.5	60	6															4					20-21
21 50	26.435	40.2	34.7	59	7	1	Ac	160	6	Ci	250	7								3	8	015			21-22
22 47	26.430	40.2	34.6	59	7															4					22-23
23 49	26.425	38.2	34.0	66	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		36	31										
	0345	1	0	0	0	37	31		0								
	0946	2	0	0	0	44	30		0								
	1542	3	0	0	0	51	43		0								
	2141	4	0	0	0	50	39		0								
	MID.		0	0	0	42	38										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.625	26.470	26.435
BAROGRAPH 64	26.605	26.625	26.470	26.430
BAR. CORR. 65	+.005	0*	±0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
51	30	0	0	0	11	E	2146					9	6		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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 AT 0452P

*BAROGRAPH CHANGED AND RESET TO ZERO CORR.

CLOCK 1 SEC SLOW AT 1958 P

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Rev. 11-74

MF1-10A (10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1981 DEC 30

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

SURFACE WEATHER OBSERVATIONS

TYPE	TIME LST	SKY AND CEILING	VISIBILITY		WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP	DEW PT.	WIND			ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER INITIALS
			SURFACE	TOWER										
SA	0050	250 - SCT	20			086	40	28	18	03		980	708 1001	VS
SA	0149	150 SCT E 250 BKN	20			087	37	28	06	03		980		VS
SA	0250	150 SCT E 250 OVC	20			078	41	29	11	10		978	BINOVC	VS
SA	0353	E50 BKN 150 OVC	20			074	40	28	00	00		976	810 157/ 37	[illegible]
—	—												RADAT 70087	—
SA	0451	E50 BKN 150 OVC	20			074	41	29	16	04		976		[illegible]
SA	0550	M32 BKN 150 BKN	20			080	42	32	35	06		978		[illegible]
SA	0647	32 SCT	20			087	39	31	11	09		979	307 1500	[illegible]
SA	0751	35 SCT 250 - BKN	20			090	40	29	11	06		980		[illegible]
SA	0853	130 SCT 250 - BKN	20			100	44	28	11	12		983	FEW SC	[illegible]
SA	0949	35 SCT 120 SCT E 250 BKN	20			101	47	29	12	13		984	217 1576 37	[illegible]
SA	1053	M37 BKN 120 BKN 250 OVC	20			103	52	27	21	13		985	FEW STFRA 10	[illegible]
SA	1147	40 SCT E 220 OVC	20			093	52	31	13	08		982		[illegible]
SA	1250	M30 BKN 220 OVC	20			078	55	39	21	14	G19	979	817 1508	[illegible]
SA	1345	M30 BKN 220 BKN	20			092	54	40	26	13		982		[illegible]
SA	1450	M30 BKN 220 BKN	20			085	53	39	26	08		981		[illegible]
SA	1551	M30 BKN 220 OVC	20			091	54	39	28	07		983	312 1508 57 RADAT	VS
—		—	—				—						00L 076 088	—
SA	1647	30 SCT 220 - BKN	20			095	50	38	27	07		983		VS
SA	1749	30 SCT 220 SCT	20			093	48	40	32	06		982		VS
SA	1850	40 SCT 250 - SCT	20			108	43	37	03	06		985	307 1501	VS
SA	1946	40 SCT 250 - SCT	20			106	42	36	35	08		~~980~~ 984		VS
SA	2050	50 SCT 250 - SCT	20			105	42	37	10	04		984		VS
SA	2150	250 SCT	20			106	40	36	03	06		985	302 1501 57	VS
SA	2245	CLR	20			110	38	35	06	04		987	FEW CI	VS
SA	2350	250 - BKN	20			111	37	34	05	03		987		VS

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

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

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 DEC 30 | To convert LST to GMT ADD 5 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40 HR.
00 50	26.410	40.1	35.0	62	2	2	Ci	250												1	7	025		00-01
01 49	26.410	37.0	33.2	69	6															4				01-02
02 50	26.390	40.6	35.9	63	10															9				02-03
03 53	26.370	40.3	35.3	62	10	6	Sc	E50	4	Ac	150	10								10	8	.030		03-04
04 51	26.380	41.4	36.2	62	10															10				04-05
05 50	26.390	41.6	37.3	68	9															9				05-06
06 47	26.400	38.6	35.1	72	2	2	Sc	32												2	3	.020		06-07
07 51	26.410	39.7	35.2	65	7															2				07-08
08 53	26.440	43.8	37.2	54	8															4				08-09
09 49	26.450	47.0	39.0	49	9	2	Sc	35	2	Ac	120	4	7	Ci	520	9				7	2	.050		09-10
10 53	26.460	52.2	41.2	38	10															9				10-11
11 47	26.430	51.9	42.3	45	10															9				11-12
12 50	26.400	54.5	46.5	56	10	6	Sc	M30	4	Cs	220	10								9	8	.050		12-13
13 45	26.430	54.3	46.8	58	9															9				13-14
14 50	26.420	53.3	46.1	59	9															7				14-15
15 51	26.435	53.7	46.0	57	10	6	Sc	M30	4	Cs	220	10								9	3	035		15-16
16 47	26.435	49.8	44.1	65	8															4				16-17
17 48	26.430	47.7	43.8	75	3															2				17-18
18 50	26.455	43.0	40.0	78	3	1	Sc	40	2	Ci	250	3								1	3	020		18-19
19 46	26.450	41.7	38.9	79	3															1				19-20
20 50	26.450	42.0	39.6	82	5															2				20-21
21 50	26.460	39.7	37.8	85	1	0	Sc	50	1	Ci	250	1								1	3	005		21-22
22 45	26.475	38.0	36.5	88	0															0				22-23
23 50	26.475	37.3	36.0	89	6															2				23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		41	37										
	0348	1	0	0	0	42	37		0								
	0947	2	0	0	0	47	39		0								
	1542	3	0	0	0	57	47		0								
	2142	4	0	0	0	54	40		0								
	MID.		0	0	0	40	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0949	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.450	26.435	26.460
BAROGRAPH 64	26.395	26.465	26.440	26.460
BAR. CORR. 65	-.015	-.015	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	37	0	0	6	20	S	1114					8	6		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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 0925
1 SEC SLOW 2056 P

U.S. GOVERNMENT PRINTING OFFICE: 1974-546-076/1133 Region

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1991 DEC 31

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVER INITIALS (14)
SA	0051	250-BKN	20			109	35	34	35	04		986	003 1006	LS
SA	0148	E 250 BKN	20			114	35	34	11	04		988		LS
SA	0248	E 220 OVC	20			111	37	34	08	02		987		LS
SA	0353	M35 OVC	20			108	37	35	13	03		986	000 15// 35	LS
—	—												RADAT 95075	—
SA	0450	M35 OVC	20			105	39	37	06	05		985		LS
SA	0547	M40 OVC	20			116	37	35	16	03		987		LS
SA	0645	M32 OVC	20			116	37	36	11	03		987	303 15//	LS
SA	0750	M40 OVC	20			120	40	38	01	03		988		LS
SA	0850	M45 OVC	20			122	41	37	00	00		989	FEW STFRA 10 SE ANDMW	LS
SA	0948	10 SCT M45 BKN 2200 OVC	20			124	46	38	25	03		990	207 1501 35	LS
SA	1055	10 SCT M45 BKN 220 OVC	20			101	49	38	24	08		984		LS
SA	1150	10 SCT 45 SCT E220 OVC	20			087	51	38	24	16	G21	981		LS
SA	1249	10 SCT M30 BKN 120 OVC	20			084	51	37	23	15		979	634 152/	LS
SA	1352	35 SCT E120 OVC	20			075	53	32	21	13		976		LS
SA	1453	35 SCT E120 OVC	20			079	51	36	21	16	G21	978		LS
SA	1550	35 SCT E100 OVC	20			083	50	36	14	08		979	000 182/ 55 RAAT 70077	008
SA	1649	35 SCT E100 OVC	20			075	48	36	12	05		976		008
SA	1748	30 SCT E100 BKN	20			075	45	35	10	04		975		008
SA	1847	100 SCT E200 BKN	20			071	44	34	07	06		974	614 1028	008
SA	1945	100 SCT E200 BKN	20			067	42	32	10	04		973		008
SA	2046	100 SCT E200 BKN	20			071	39	29	01	05		974		008
SA	2147	100 SCT E200 BKN	20			060	42	30	06	02		972	707 1028 55	008
SA	2248	100 SCT 200-BKN	20			051 ~~056~~	48	28	18	10	G19	971		008
SA	2350	100 SCT 200 SCT	20			041	48	30	18	10	G18	969		008

A synoptic observation, in WMO code format FM11Vy, is entered on line following related aviation observation.

FM11Vy ... NddH VVwwW PPPTT $N_hC_LhC_MC_H$ $T_gT_gg_{pp}$ $6P_0P_0P_0P_0$ $7RRR_{ts}$ $8N_sC_ah_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $4d_wd_wP_wH_wH_w$ $5T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115 1138

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NV

DATE: 1981 DEC 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 51	26.470	35.1	34.5	95	8	8	CI	250												4	0	010			00-01
01 48	26.485	35.0	34.5	96	8															5					01-02
02 47	26.475	37.0	35.8	90	10															9					02-03
03 53	26.470	37.1	36.1	92	10	10	SC	M35												10	0	.000			03-04
04 50	26.460	37.4	38.1	98	10															10					04-05
05 47	26.480	37.0	36.0	92	10															10					05-06
06 45	26.480	38.8	37.5	90	10	10	SC	M32												10	3	.010			06-07
07 50	26.470	40.4	39.0	90	10															10					07-08
08 50	26.495	41.2	39.0	83	10															10					08-09
09 48	26.520	45.5	41.7	74	10	1	STRA	10	6	SC	M45	7	3	CI	220	10				8	2	.020			09-10
10 55	26.450	48.8	43.5	66	10															8					10-11
11 50	26.415	51.3	44.5	60	10															9					11-12
12 49	26.400	53.6	43.8	59	10	1	STRA	10	5	SC	M30	6	10	AS	120	10				10	6	.100			12-13
13 50	26.380	53.3	43.1	43	10															10					13-14
14 53	26.390	51.3	43.7	55	10															9					14-15
15 50	26.400	50.4	43.3	58	10	2	SC	35	8	AS	E100	10								9	0	.000			15-16
16 49	26.380	47.6	42.1	64	10															9					16-17
17 48	26.370	45.0	40.4	68	8															7					17-18
18 47	26.360	44.3	39.7	68	8	3	AS	100	5	CS	E200	8								7	6	.040			18-19
19 45	26.350	41.6	37.4	69	8															7					19-20
20 46	26.360	39.4	35.0	66	9															8					20-21
21 49	26.340	41.8	36.6	62	8	2	AS	100	6	CS	E200	8								7	7	.020			21-22
22 48	26.330	48.0	39.2	45	6															3					22-23
23 50	26.310	47.8	40.0	50	4															3					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s H_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	39	35		X	X	X	X	X	X	X		
	0348	1	0	0	0	40	35		0								
	0944	2	0	0	0	46	37		0								
	1545	3	0	0	0	55	46		0								
	2144	4	0	0	0	52	39		0								
	MID.	X	0	0	0	51	40		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0948	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.500	26.400	26.340
BAROGRAPH 64	26.480	26.500	26.400	26.340
BAR. CORR. 65	-.010	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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	35	0	0	0	24	S	2319					10	9		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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 1/2 SEC SLOW 0854 / 1 SEC SLOW 2020 P

MF1-10B