WB FORM 733-1
(REV. 1-65)

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: August

YEAR: 1978

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°)	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, SLEET	SNOW, SLEET OR ICE ON GROUND AT 0400	WIND AVERAGE SPEED ~~(mph)~~ (Knots)	FASTEST MILE ~~(mph)~~ Peak SPEED ~~(mph)~~ (Knots)	DIRECTION	~~SUNSHINE TOTAL (Hrs. and tenths)~~ Av. Station Pressure	~~PERCENT OF POSSIBLE~~	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	105	79	92						8.0	27	SW	26.5	08	0		18	10	7	9
2	104	75	90						6.8	22	S	26.5	73	0		22	26	12	15
3	105	78	92						7.8	37	E	26.6	00	4		38	28	17	24
4	104	70	87						3.8	15	SW	26.6	23	2		44	20	10	26
5	107	72	90						4.2	19	SE	26.6	20	2		39	18	6	23
6	107	76	92			T			7.1	28	E	26.6	71	2	T, RW	34	21	13	17
7	108	77	93						6.2	46	N	26.6	39	2		35	15	12	14
8	109	83	96						6.4	46	N	26.5	80	1		20	10	8	11
9	105	78	92			T			7.0	26	S	26.5	54	2	T, RW	18	16	13	19
10	102	72	87						7.1	24	S	26.5	28	2		38	19	13	23
11	98	77	88			T			10.0	31	N	26.5	34	9	T, RW	39	23	17	44
12	95	70	83						9.9	44	SE	26.5	39	2		50	19	17	28
13	92	75	84						14.1	34	S	26.5	10	1		26	23	13	22
14	90	67	79						6.3	23	N	26.6	15	0		47	27	12	17
15	95	65	80						7.2	29	S	26.5	90	0		20	12	11	12
16	94	70	82						13.1	34	SW	26.5	01	0		19	18	9	15
17	90	73	82						12.0	30	S	26.5	05	0		20	23	14	14
18	88	64	76						6.7	20	N	26.6	50	0		23	15	9	14
19	93	57	75						2.1	10	S	26.5	99	0		20	9	9	15
20	94	64	79						5.1	17	SE	26.6	17	1		24	21	11	21
21	94	66	80						9.8	31	S	26.6	14	5		17	20	17	10
22	90	68	79						11.7	31	S	26.5	06	1		12	11	8	11
23	88	59	74						7.2	27	S	26.5	43	0		14	9	6	9
24	91	58	75						7.0	27	SW	26.6	00	0		13	6	4	11
25	90	56	73						5.8	19	W	26.5	95	0		15	8	8	12
26	91	56	74						4.4	18	SW	26.5	70	0		17	13	6	17
27	95	58	77						3.8	17	SW	26.5	82	0		20	11	8	14
28	99	63	81						4.2	16	N	26.5	85	0		19	9	6	14
29	100	63	82						5.4	22	SW	26.5	46	0		17	8	6	10
30	98	67	83						10.0	31	S	26.4	89	0		21	10	7	17
31	95	68	82						8.5	26	S	26.5	03	0		21	14	7	14
SUM	3016	2124	—	—	—	T	0	—	225.4	—	—	823.6	90	36	—	780	482	316	522
AVG	97.3	68.5	—	—	—	—	—	—	7.3	FASTEST	DIRECTION	~~POSS SUNSHINE~~	—	1.2	—	25.2	15.5	10.2	16.8
									MISC. →	46	N	26.5	71		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 82.9

DEPARTURE FROM NORMAL —

HIGHEST 109 ON 8

LOWEST 56 ON 25, 26

NUMBER OF DAYS WITH -

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 29

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH T IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~24 HOURS~~ Daily T ON 6, 9, 11

SNOWFALL, SLEET

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~24 HOURS~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

BAROMETRIC PRESSURE
(Climatological station elevation)

(Hpc) 3310 FT., M.S.L.

MONTHLY AVERAGE STATION 26.571 IN.

HIGHEST ~~SEA LEVEL~~ Station 26.715 IN. ON 6, 7

LOWEST ~~SEA LEVEL~~ Station 26.419 IN. ON 16

WEATHER

NUMBER OF DAYS -

CLEAR (Scale 0-3) 28

PARTLY CLOUDY (Scale 4-7) 2

CLOUDY (Scale 8-10) 1

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

~~F = FOG~~

~~FT = FOG WITH VISIBILITY 1/4 MILE OR LESS~~

~~T = THUNDER~~

~~S = SLEET~~

~~H = HAIL~~

~~ZR = GLAZE OR RIME~~

~~D = DUSTSTORM~~

~~K = SMOKE OR HAZE~~

~~BS = BLOWING SNOW~~

RW = RAIN SHOWER

T = THUNDER

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 1

TO CONVERT LST TO GMT ADD 8 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. (Mos.) (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)	SPOTTER'S INITIALS (15)
R	0050	CLR	20			060	90	33	19	12		988	802	LEF
R	0149	CLR	20			059	89	33	09	01		988		LEF
R	0245	CLR	20			060	88	29	01	03		988		LEF
R	0348	CLR	20			069	81	34	31	03		989	305 81 RADAT 25157	RK
R	0458	CLR	20			074	82	34	03	04		991		RK
R	0545	CLR	20			081	82	34	33	04		993		RK
R	0645	CLR	20			089	87	33	20	02		996	219	RK
R	0745	CLR	20			095	89	31	25	02		997		RK
R	0845	CLR	20			096	94	33	24	09G	18	997		RK
R	0945	CLR	20			092	98	33	23	13G	23	997	003 79	RK
R	1047	CLR	20			092	99	32	21	11G	23	997	FEW CU SE	RK
R	1145	CLR	20			086	101	30	22	10G	21	996	TCU SE	RK
R	1245	CLR	20			083	103	27	22	16G	24	994	FEW CU SE/807 1100	RK
R	1345	CLR	20			075	103	27	23	12G	24	992	FEW CU SE PKWND	RK
													2325/05	
R	1445	CLR	20			068	103	30	24	14G	22	990	FEW CU SE PKWND 2227/07	RK
R	1547	CLR	20			060	103	27	20	12G	24	987	PK WND 2426/14	LEF
													722 1100 05 RADAT 30158	
R	1647	CLR	20			058	102	21	24	12G	23	986	PK WND 2326/19	LEF
R	1749	CLR	20			057	100	22	21	14		986		LEF
R	1847	CLR	20			057	97	22	20	10		986	603 1070	LEF
R	1948	CLR	20			065	94	23	19	09		988		LEF
R	2050	CLR	20			069	95	17	21	12G	21	990		LEF
R	2146	CLR	20			070	90	23	09	02		990	108 05	LEF
R	2249	CLR	20			075	91	22	24	10G	20	992		LEF
R	2345	CLR	20			075	92	22	20	14G	23	992		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: Aug 01

To convert LST to GMT ADD 5 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	26.480	89.8	58.9	13	0															0	8	005			00-01
01 49	26.480	88.8	58.3	13	0															0					01-02
02 45	26.480	88.2	57.2	12	0															0					02-03
03 48	26.495	81.0	55.8	18	0															0	3	015			03-04
04 58	26.510	81.9	56.2	18	0															0					04-05
05 45	26.525	81.6	56.1	18	0															0					05-06
06 45	26.550	87.3	57.8	14	0															0	2	055			06-07
07 45	26.560	89.3	58.1	12	0															0					07-08
08 45	26.565	94.0	60.3	12	0															0					08-09
09 45	26.560	98.1	61.7	10	0															0	0	010			09-10
10 47	26.560	99.0	61.8	10	0															0					10-11
11 45	26.550	101.2	61.9	8	0															0					11-12
12 45	26.540	102.6	61.9	7	0	0	Cu	50												0	8	020			12-13
13 45	26.520	102.6	61.9	7	0															0					13-14
14 45	26.500	102.5	62.5	8	0															0					14-15
15 47	26.475	102.8	62.0	7	0	0	Cu	50												0	7	065			15-16
16 47	26.465	101.8	60.5	6	0															0					16-17
17 49	26.465	100.0	60.0	6	0															0					17-18
18 47	26.465	96.8	58.8	7	0	0	Ac	140												0	6	010			18-19
19 48	26.480	93.8	57.9	8	0															0					19-20
20 50	26.500	94.5	57.2	6	0															0					20-21
21 46	26.500	90.2	56.7	9	0															0	1	035			21-22
22 49	26.515	91.4	56.8	8	0															0					22-23
23 45	26.520	91.8	57.0	8	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	92	81	X	X						X		
	0345	1	0	0	0	92	81		0								
	0943	2	0	0	0	98	79		0								
	1542	3	0	0	0	105	98		0								
	2140	4	0	0	0	103	90		0								
	MID.	X	0	0	0	93	88	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.495	26.560	26.475	26.500
BAROGRAPH 64	26.480	26.580	26.480	26.500
BAR. CORR. 65	+015	0#	-005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	79	0	0	0	27	SW	1407					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:

BAROGRAM CHANGED AND RESET TO ZERO

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 2

TO CONVERT LST TO GMT ADD 8 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)	CO-OBSERVERS INITIALS (15)
R	0047	CLR	20			079	90	32	20	14		993	210	LEF
R	0148	CLR	20			083	88	32	03	02		994		LEF
R	0247	CLR	20			084	81	31	03	04		994		LEF
R	0350	CLR	20			095	79	37	02	06		997	312 77 RADAT 44153	RK
R	0447	CLR	20			104	76	38	35	04		999		RK
R	0545	CLR	20			112	78	42	29	02		001		RK
R	0645	CLR	20			117	84	45	00	00		003	219	RK
R	0745	CLR	20			118	87	51	30	03		004		RK
R	0845	CLR	20			117	89	55	27	08		004		RK
R	0945	CLR	20			118	93	53	21	10		004	102 75	RK
R	1045	CLR	20			114	93	51	21	08 G13		003	FEW CU SE	RK
R	1145	CLR	20			109	97	48	23	07		002	FEW TCU SE	RK
R	1248	CLR	20			102	98	45	20	10		999	CB SE MOVMT UNKN	RK
													814 1900	
R	1345	50 SCT	20			096	100	43	22	10		998	CB SE MOVMT UNKN TCU N	RK
R	1445	CLR	20			090	102	42	24	10		996	TCU SE AND N CB DSIPTD	RK
R	1546	CLR	20			086	103	41	23	12 G17		994	715 04 RADAT 40156	RK
R	1645	CLR	20			082	99	41	22	11 G17		992		RK
R	1745	CLR	20			081	100	37	24	11		992		RK
R	1846	CLR	20			085	94	35	24	06		993	503	RK
R	1944	CLR	20			087	92	38	19	04		994		RK
R	2046	CLR	20			090	93	35	21	09		996		RK
R	2145	CLR	20			094	91	36	24	02		997	210 04	RK
R	2246	CLR	20			100	85	41	32	06		998		RK
R	2347	CLR	20			097	88	43	26	05		998		RK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dppp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] POINT DOCK NY

DATE: [illegible] Aug 02

To convert LST to GMT ADD 5 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	26.530	90.0	58.6	13	0															0	2	030			00-01
01 48	26.535	87.6	57.8	14	0															0					01-02
02 47	26535	85.6	54.9	17	0															0					02-03
03 50	26.565	78.8	56.0	22	0															0	3	035			03-04
04 47	26.580	76.3	55.3	25	0															0					04-05
05 45	26.600	78.0	57.3	27	0															0					05-06
06 45	26.620	83.9	60.7	26	0															0	2	055			06-07
07 45	26.625	86.8	64.0	29	0															0					07-08
08 45	26.625	89.3	66.6	31	0															0					08-09
09 45	26625	92.5	66.8	26	0															0	1	005			09-10
10 45	26.615	93.3	66.0	24	0															0					10-11
11 45	26.605	97.0	66.3	19	0															0					11-12
12 48	26.585	98.1	65.4	17	0	0	Cb	50												0	8	040			12-13
13 45	26.570	100.4	65.4	14	1															1					13-14
14 45	26.550	102.3	65.5	13	0															0					14-15
15 46	26.540	102.7	65.4	12	0															0	7	.045			15-16
16 45	26.520	98.9	64.3	14	0															0					16-17
17 45	26.520	99.7	63.2	11	0															0					17-18
18 46	26.530	94.2	61.0	13	0															0	5	.010			18-19
19 47	26.540	91.8	60.8	15	0															0					19-20
20 46	26.550	93.0	60.6	13	0															0					20-21
21 45	26.560	90.7	60.1	15	0															0	2	.030			21-22
22 46	26.570	84.6	59.6	22	0															0					22-23
23 47	26.570	88.3	61.4	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	92	77	X	X						X		
	0347	1	0	0	0	93	77		0								
	0843	2	0	0	0	93	75		0								
	1545	3	0	0	0	104	92		0								
	2144	4	0	0	0	103	91		0								
	MID.	X	0	0	0	91	84	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.625	26.540	26.560
BAROGRAPH 64	26.550	26.625	26.530	26.540
BAR. CORR. 65	+015	0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNALTD (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
104	75	0	0	0	22	S	0015					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 1-MIN. M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
1-77

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 3

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
R	0046	CLR	20			101	86	44	20	09		999	207	00$
R	0147	CLR	20			102	83	43	14	05		999		00$
R	0244	CLR	20			102	80	50	20	03		999		00$
R	0347	CLR	20			106	83	55	03	02		000	303 80 RADAT 51154	LL
R	0446	CLR	20			114	80	55	33	02		002		LL
R	0546	CLR	20			117	81	55	03	05		003		LL
R	0647	CLR	20			126	85	57	28	02		005	217	LL
R	0747	CLR	20			124	90	56	08	02		005		LL
R	0848	CLR	20			124	92	57	22	04		005		LL
R	0947	CLR	20			124	95	57	26	06		005	Cu SE AND S/400 1200 78	LL
R	1048	80 SCT	20			121	97	55	20	08		004	CB OMTNS S	LL
R	1148	80 SCT 140 SCT 250 SCT	20			117	98	51	19	03		003	CB OMTNS S Cu BLDG N	LL
R	1249	80 SCT 140 SCT 250 SCT	20			108	102	51	19	07		001	CB N-E-S/714 1933	LL
R	1348	80 SCT 140 SCT E250 BKN	20			101	103	51	30	05	G15	999	CB N-E-S	LL
R	1448	80 SCT E 250 BKN	20			094	103	52	26	09		997	CB ALQDS	LL
R	1550	70 SCT E 250 BKN	20			089	103	50	20	10	G17	996	617 1903 05 RADAT 47154	00$
R	1653	50 SCT E 200 BKN	20			101	87	59	22	08	G24	997	PK WND 2832/27/CB MOVG ETON	00$
R	1745	50 SCT E 200 BKN	20			089	94	65	22	06		994	CB NE MOVG N	00$
R	1849	50 SCT E 200 BKN	20			092	91	66	19	05		996	500 1903 CB N [illegible] N	00$
R	1945	50 SCT 200 SCT	20			098	89	65	14	15	G25	998	DSNT LTG SE	00$
R	2047	50 SCT 200 SCT	20			108	86	51	11	21	G30	000	DSNT LTG E-SE/PK WND 1135/34	00$
R	2147	50 SCT E 200 BKN	20			116	87	46	09	26	G36	003	DSNT LTG E/PK WND 0936/44/324 1903	00$
													05	
R	2244	50 SCT E 200 BKN	20			115	88	43	09	19	G28	003	PK WND 0937/07	00$
R	2346	50 SCT E 200 BKN	20			131	86	45	23	06		008	PK WND 0929/0646	00$

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 AUG 3

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.580	86.2	61.0	23	0															0	2	.020			00-01
01 47	26.580	83.0	59.5	24	0															0					01-02
02 44	26.580	77.8	61.3	35	0															0					02-03
03 47	26.590	82.7	64.6	38	0															0	3	.010			03-04
04 46	26.610	74.7	63.7	43	0															0					04-05
05 46	26.620	81.0	64.2	41	0															0					05-06
06 47	26.640	85.3	66.6	39	0															0	2	.050			06-07
07 47	26.640	90.4	67.7	32	0															0					07-08
08 48	26.640	91.5	68.4	31	0															0					08-09
09 47	26.640	94.6	69.2	28	0	0	Cu	80												0	4	.000			09-10
10 48	26.630	96.8	69.0	25	1															1					10-11
11 48	26.620	98.0	67.7	21	3															3					11-12
12 49	26.600	101.5	68.7	19	5	3	Cb	80	0	Ac	140	3	2	Ci	250	5				4	7	.040			12-13
13 48	26.580	103.0	69.0	18	6															5					13-14
14 48	26.560	103.0	69.7	19	8															7					14-15
15 50	26.550	102.6	68.5	17	7	4	CB	70	3	ci	E250	7								6	6	.050			15-16
16 53	26.560	86.9	68.2	39	7															7					16-17
17 45	26.540	94.0	73.4	39	7															7					17-18
18 49	26.550	91.4	73.0	43	6	3	CB	50	3	ci	E200	6								6	5	.000			18-19
19 45	26.570	88.6	72.0	46	5															5					19-20
20 47	26.590	86.3	63.8	29	5															5					20-21
21 47	26.620	86.8	62.0	24	8	5	CB	50	3	ci	E200	8								8	3	.070			21-22
22 44	26.620	87.5	61.0	21	8															8					22-23
23 46	26.600	85.0	61.3	25	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	P. COIN. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	88	80	X	X						X		
	0345	1	0	6	0	91	80		0								
	0945	2	0	0	0	96	78		0								
	1548	3	0	0	0	105	95		0								
	2147	4	0	0	0	103	85		0								
	MID.	X	0	0	0	89	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1545	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.640	26.550	26.620
BAROGRAPH 64	26.590	26.640	26.545	26.615
BAR. CORR. 65	0	0	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
105	78	0	0	0	37	E	2207					3			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

POWER FAILURE 1909 P.S.T. MOST EQUIPMENT INOPERATIVE
2028 P.S.T. POWER RESTORED

MF1-10B

☆ U. S. GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 4

TO CONVERT LST TO GMT ADD 8 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)
R	0050	200 SCT	20			133	78	54	03	03		008	114 1003	008
R	0148	200 SCT	20			130	75	54	04	01		007		008
R	0245	200 SCT	20			125	77	49	05	04		005		008
R	0347	250 SCT	20			123	74	51	09	05		004	710 1003 74 RADAT 34156	LL
R	0446	250 SCT	20			133	77	49	09	02		005		LL
R	0548	250 SCT	20			139	75	49	28	02		008		LL
R	0648	250 SCT	20			142	79	49	30	02		010	FEW Cu SW/217 1104	LL
R	0747	250 SCT	20			143	85	48	09	02		010		LL
R	0848	250 SCT	20			143	88	47	22	03		010		LL
R	0949	250 SCT	20			142	92	45	22	02		010	TCu NW/400 1201 70	LL
R	1047	250 SCT	20			136	95	46	29	03		009	TCu NW	LL
R	1147	250 SCT	20			128	96	45	27	04		007	CB NW	LL
R	1247	70 SCT 200 SCT	20			123	99	42	25	04		004	CB NW Cu DSNT ALQDS	LL
													717 1903	
R	1347	70 SCT 200 SCT	20			115	101	39	20	06		002	CB NW	LL
R	1448	70 SCT 200 SCT	20			103	103	38	25	03		999	CB NW	LL
R	1547	70 SCT 200 SCT	20			101	101	34	04	04		998	TCU W/720 1202 04	008
													RADAT 20157	
R	1652	70 SCT 200 SCT	20			096	101	33	21	08		997	TCU W	008
R	1746	70 SCT 200 SCT	20			097	100	43	22	10		997		008
R	1845	200 SCT	20			105	94	46	23	07		999	303 1002	008
R	1945	200 SCT	20			108	91	48	25	03		000		008
R	2048	CLR	20			112	88	48	35	03		001		008
R	2147	CLR	20			115	85	46	03	06		002	210 04	008
R	2246	CLR	20			114	84	44	04	04		002		008
R	2344	CLR	20			118	82	50	36	01		003		008

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 AUG 4

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	
00 50	26.660	78.0	62.6	43	3	3	Ci	200												3	1	.040			00-01
01 48	26.650	75.2	61.6	47	1	[illegible]	Ci	[illegible]												1					01-02
02 45	26.640	76.8	60.0	38	1															1					02-03
03 47	26.630	74.0	59.6	44	1	1	Ci	250												1	7	.030			03-04
04 46	26.640	77.0	60.0	38	3															2					04-05
05 48	26.660	75.1	59.5	40	3															2					05-06
06 48	26.680	79.4	60.9	35	3	0	Cu	80	3	Ci	250	3								2	2	.050			06-07
07 47	26.680	84.5	61.9	28	3															2					07-08
08 48	26.680	88.2	62.8	24	3															2					08-09
09 49	26.680	92.1	63.4	20	2	0	Cu	80	2	Ci	250	2								2	4	.000			09-10
10 47	26.670	94.8	64.7	19	1															1					10-11
11 47	26.650	95.6	64.5	18	1															1					11-12
12 47	26.630	98.8	64.7	15	1	1	Cb	70	0	Ci	200	1								1	7	.050			12-13
13 47	26.680	101.3	64.4	12	1	[illegible]														1					13-14
14 48	26.580	102.8	64.5	11	1															1					14-15
15 47	26.570	101.0	62.8	10	3	1	Cu	70	2	Ci	200	3								3	7	.060			15-16
16 52	26.560	100.6	62.6	10	3															3					16-17
17 46	26.560	99.7	65.0	14	3															2					17-18
18 45	26.580	94.2	64.6	20	1	1	Ci	200												1	3	.010			18-19
19 45	26.590	91.2	64.2	23	1															1					19-20
20 48	26.600	87.6	63.2	26	0															0					20-21
21 47	26.610	84.6	61.3	26	0															0	2	.030			21-22
22 46	26.610	84.4	60.6	25	0															0					22-23
23 44	26.620	81.9	62.0	33	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	86	74	X	X						X		
	0345	1	0	0	0	89	74		0								
	0945	2	0	0	0	93	70		0								
	1546	3	0	0	0	104	92		0								
	2146	4	0	0	0	102	85		0								
	MID.	X	0	0	0	85	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.680	26.570	26.615
BAROGRAPH 64	26.630	26.680	26.575	26.605
BAR. CORR. 65	±0	±0	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Inc.) 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
104	70	0	0	0	15	SW	1606					2			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 5

TO CONVERT LST TO GMT ADD 8 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)	SUB-SERVER'S INITIALS (14)
R	0045	CLR	20			119	76	53	21	01		003	303	00$
R	0146	CLR	20			117	80	47	04	02		003		00$
R	0246	CLR	20			118	77	48	12	01		003		00$
R	0348	CLR	20			119	75	49	06	02		003	400 75 RADAT 42153	LL
R	0447	CLR	20			124	73	51	00	00		004		LL
R	0548	CLR	20			127	77	47	10	02		005		LL
R	0647	CLR	20			132	82	44	00	00		007	210	LL
R	0748	CLR	20			136	90	46	25	03		009		LL
R	0847	CLR	20			137	92	48	25	06		009	FEW Cu OVR MTNS S	LL
R	0947	CLR	20			137	94	45	26	03		009	107 1100 72	LL
R	1047	70 SCT	20			132	98	44	13	03		008	Tcu S Cu ALQDS	LL
R	1147	70 SCT	20			124	100	42	26	03		005	Cb N E	LL
R	1248	70 SCT	20			119	102	40	17	04		003	Cb E S / 717 1900	LL
R	1347	70 SCT	20			109	104	38	29	05		001	Cb ALQDS	LL
R	1448	70 SCT 200 SCT	20			102	105	32	15	07	G17	999	Cb ALQDS	LL
R	1549	70 SCT 200 SCT	20			098	106	25	11	07	G19	998	CB ALQDS / 617 1903	00$
													07 RADAT 55153	
R	1645	70 SCT 200 SCT	20			100	104	33	02	04	G12	998	CB ALQDS	00$
R	1748	70 SCT 200 SCT	20			098	102	38	10	12		998	CB S AND W MOVG W	00$
R	1849	70 SCT 200 SCT	20			103	98	45	17	08		999	CB SW MOVG W / 303 1903	00$
R	1948	70 SCT 200 SCT	20			104	95	47	17	10		000	CB W MOVG W	00$
R	2049	200 SCT	20			115	93	47	21	08		003		00$
R	2145	CLR	20			116	90	48	20	05		003	114 07	00$
R	2248	CLR	20			125	85	46	02	02		005		00$
R	2348	CLR	20			123	85	46	03	03		005		00$

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs, $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 AUG 5

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.620	75.9	61.4	45	0															0	3	.010			00-01
01 46	26.620	79.8	60.0	31	0															0					01-02
02 46	26.620	77.3	59.4	35	0															0					02-03
03 48	26.620	75.4	59.3	39	0															0	4	.000			03-04
04 47	26.630	73.1	59.6	46	0															0					04-05
05 48	26.640	77.0	59.0	35	0															0					05-06
06 47	26.650	81.8	59.7	27	0															0	2	.030			06-07
07 48	26.670	89.7	63.0	22	0															0					07-08
08 47	26.670	92.1	64.7	22	0															0					08-09
09 47	26.670	94.1	63.9	18	0	0	Cu	70												0	1	.020			09-10
10 47	26.660	97.8	64.8	16	1															1					10-11
11 47	26.640	100.0	65.0	14	1															1					11-12
12 48	26.620	102.2	64.9	12	2	2	Cb	70												2	7	.050			12-13
13 47	26.600	104.3	65.0	10	4															4					13-14
14 48	26.580	105.2	63.7	8	5															5					14-15
15 49	26.570	105.6	62.4	6	5	3	CB	70	2	Ci	200	5								5	6	.050			15-16
16 45	26.570	103.5	63.6	9	5															5					16-17
17 48	26.570	102.3	64.3	11	4															4					17-18
18 49	26.580	97.6	65.2	17	3	2	CB	70	1	Ci	200	3								3	3	.010			18-19
19 48	26.590	95.2	65.1	19	2															2					19-20
20 49	26.600	93.2	64.4	20	1															1					20-21
21 45	26.620	90.2	63.8	23	0															0	1	.040			21-22
22 48	26.640	85.3	61.6	26	0															0					22-23
23 48	26.640	85.0	61.6	26	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	82	75	X	X						X		
	0345	1	0	0	0	85	75		0								
	0945	2	0	0	0	95	72		0								
	1547	3	0	0	0	107	94		0								
	2143	4	0	0	0	106	90		0								
	MID.	X	0	0	0	91	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1547	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.670	26.570	26.620
BAROGRAPH 64	26.625	26.670	26.565	26.615
BAR. CORR. 65	-.005	to *	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
107	72	0	0	0	19	SE	1546					2			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

*BAROGRAM CHANGED - SET TO ZERO CORRECTION.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 6

TO CONVERT LST TO GMT ADD 8 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)	CODE INDICATORS (14)
R	0048	CLR	20			127	84	46	02	07		007	110	008
R	0148	CLR	20			131	82	46	01	07		008		008
R	0244	CLR	20			130	83	46	01	08		008		008
R	0347	CLR	20			131	79	47	18	01		007	103 79 RADAT 49151	JD
R	0448	CLR	20			139	77	49	09	02		009		JD
R	0546	CLR	20			144	78	48	02	01		011		JD
R	0647	CLR	20			147	85	48	00	00		012	314 1001	JD
R	0747	CLR	20			150	90	50	22	02		013		JD
R	0847	CLR	20			151	93	49	22	07		014	CU SE	JD
R	0947	CLR	20			151	95	49	20	08		014	105 1201 76	JD
R	1047	CLR	20			146	99	46	22	10		012	TCU E CB S MOVG W	JD
R	1146	CLR	20			143	100	46	17	09		011	CB E MOVG W CB S DSPTD	JD
R	1247	110 SCT 250 SCT	20			134	104	44	25	10		008	CB E MOVG W/815 1903	JD
R	1346	110 SCT 250 SCT	20			126	102	41	25	09		006	CB NW S MOVG W VIRGA NW	JD
R	1448	110 SCT 250 - BKN	20			115	104	41	23	08		003	CB N S MOVG W	JD
R	1549	100 SCT 250 - SCT	20			105	105	43	26	08		003	CB N/619 1901 07	/
/													RADAT 46156	HS
R	1649	100 SCT 250 - SCT	20			111	104	44	19	04		002	CB N TCU E S	HS
R	1747	100 SCT 250 - SCT	20			111	100	47	18	13	G21	001	CB E S NW MOVG W	HS
R	1847	100 SCT 250 SCT	20			116	97	45	21	05		003	CB E NW VIRGA E/	/
/													302 1902	HS
R	1947	E 100 BKN	20			124	95	41	05	07		005	CB AND FQT LTGICC E	/
/													CB NW DSIPTD	HS
R	2047	E 100 BKN 2500 OVC	20			137	92	46	10	18	G25	009	CB AND FQT LTGICCG	/
/													SE-S PK WND 0928/32	HS
S	2105	E100 BKN 250 OVC	20		TRW-				10	08		011	TB00 MOVG W	/
/													FQT LTGICCG ERB00	HS
R	2148	E 100 BKN 250 OVC	20		T	143	93	42	10	17		012	T OVHD AND S MOVG W	/
/													CONT LTGICCG OVHD AND S	/
/													12500 1302 07 TEC0 PENN	HS
S	2234	100 SCT E250 BKN	20						09	10		013	TE33 MOVD W CB S-W	/
/													OCNL LTGICCG S-W	HS
R	2249	100 SCT E250 BKN	20			146	89	46	12	03		012	CB AND OCNL LTGICCG S-W	HS
R	2348	100 SCT E250 BKN	20			151	88	45	23	07		014	OCNL LTGICCG DSNT SW	HS
													TE33	

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-065/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 AUG 0

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	F.C.
00 48	26.650	83.6	61.0	27	0															0	1	.030			00-01
01 48	26.660	82.4	60.7	28	0															0					01-02
02 44	26.660	83.1	60.6	27	0															0					02-03
03 47	26.660	78.8	59.9	34	0															0	1	.010			03-04
04 48	26.680	77.2	59.8	36	0															0					04-05
05 48	26.690	78.2	60.1	35	0															0					05-06
06 47	26.700	84.5	62.2	29	0	0	Ci	320												0	3	.040			06-07
07 47	26.710	90.0	64.8	26	0															0					07-08
08 47	26.715	92.9	65.3	23	0															0					08-09
09 47	26.715	95.4	66.1	21	0	0	Cu	120	0	Ci	320	0								0	1	.015			09-10
10 47	26.700	98.8	66.0	17	0															0					10-11
11 46	26.690	100.0	66.4	16	0															0					11-12
12 47	26.670	103.8	66.9	14	1	1	Cb	110	0	Ci	250	1								1	8	.045			12-13
13 46	26.650	101.8	65.2	13	2															2					13-14
14 48	26.620	103.8	65.8	12	6															2					14-15
15 49	26.615	104.7	66.7	13	5	2	CB	100	3	Ci	250	5								2	6	.055			15-16
16 49	26.605	104.3	67.0	13	4															2					16-17
17 47	26.600	99.7	66.4	17	4															2					17-18
18 47	26.620	97.0	65.1	17	5	3	CB	100	2	Ci	250	5								4	3	.005			18-19
19 47	26.640	95.0	63.0	16	6															6					19-20
20 47	26.675	91.6	63.7	21	10															9					20-21
21 48	26.695	93.4	62.8	17	10	7	CB	E100	3	Ci	250	10								10	1	.075			21-22
22 49	26.700	89.0	62.9	23	9															9					22-23
23 48	26.715	87.8	62.1	23	7															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	TYPE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	85	79	X	X						X		
	0344	1	0	0	0	91	79		0								
	0944	2	0	0	0	95	76		0								
	1546	3	0	0	0	107	95		0								
	2145	4	T	0	0	107	91		0								
	MID.	X	0	0	0	94	86	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.715	26.615	26.695
BAROGRAPH 64	26.660	26.720	26.615	26.690
BAR. CORR. 65	0	-.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
107	76	T	0	0	28	E	2032					2			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	2100	2233			
RW-	2100	2114			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: AUG 7 1979

TO CONVERT LST TO GMT ADD 8 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)
R	0049	100SCT 250 SCT	20			146	86	46	07	02		013	OCNL DSNT LTG SW/003 1302	HS
R	0147	250 SCT	20			152	84	47	30	02		014		HS
R	0247	CLR	20			150	82	50	11	02		013		HS
R	0351	230 SCT	20			145	80	50	04	03		012	802 1002 80 RADAT 50155	JD
R	0446	230 SCT 350 - SCT	20			147	78	49	03	07		012		JD
R	0546	230 - SCT	20			153	82	50	09	04		014		JD
R	0646	240 - SCT 300 - SCT	20			152	87	49	31	04		014	302 1001	JD
R	0746	300 - SCT	20			152	90	49	23	04		014		JD
R	0847	CLR	20			148	94	45	01	05		013		JD
R	0946	CLR	20			145	96	41	36	05		012	805 77	JD
R	1046	CLR	20			137	100	42	36	09		010	CU SE NW	JD
R	1146	CLR	20			126	104	41	04	07	G21	007	CU SE NW	JD
R	1246	110 SCT	20			118	105	42	17	07		004	Cb DSNT NW/724 1900	JD
R	1346	110 SCT	20			110	105	39	31	10		002	Cb E SE NW MOVG W	JD
R	1449	110 SCT	20			100	103	38	20	02		998	Cb ALQDS MOVG W	JD
R	1552	100 SCT	20			096	103	40	20	05		997	CB ALQDS/622 1300 08	/
/													RADAT 65154	HS
R	1651	E100 BKN	20			102	102	41	28	14		999	CB ALQDS VIRGA NE	/
/													PKWND 3027/01	HS
R	1748	E100 BKN	20			104	99	42	15	14		999	CB ALQDS RWH E	HS
R	1849	E100 BKN	20			105	93	40	04	06		999	CB ALQDS VIRGA SE PKWND	/
/													0934/0150/107 1300	HS
R	1949	E100 BKN	20			114	95	41	04	10		003	CB ALQDS	HS
R	2047	E100 OVC	20			117	97	39	27	12	G46	004	CB ALQDS OCNL BD PKWND	/
/													0146/40	HS
R	2151	E100 OVC	20			102	95	39	36	03		000	CB ALQDS/002 1311 08	HS
R	2246	E100 BKN	20			103	93	42	35	07		000	CB ALQDS	HS
R	2348	100SCT E250 BKN	20			112	92	41	09	04		003		HS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: AUG 7 1979

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.705	85.6	61.5	25	5	3	CB	100	2	Ci	250	5								5	0	.010			00-01
01 47	26.715	84.1	61.9	29	2															2					01-02
02 47	26.710	82.0	62.0	33	0															0					02-03
03 51	26.700	80.1	61.4	35	1	1	Ci	230												1	8	.005			03-04
04 46	26.700	77.8	60.1	36	2															1					04-05
05 46	26.715	81.8	61.9	33	2															0					05-06
06 46	26.715	86.7	63.1	27	5	2	Ci	240	3	Ci	300	5								1	3	.015			06-07
07 46	26.715	89.9	64.3	25	1															0					07-08
08 47	26.705	93.5	63.8	19	0															0					08-09
09 46	26.700	95.8	63.1	15	0															0	8	.015			09-10
10 46	26.680	100.1	64.8	14	0															0					10-11
11 46	26.655	104.3	66.0	12	0															0					11-12
12 46	26.630	104.8	66.4	12	1	1	CB	110												1	7	.070			12-13
13 46	26.610	105.0	65.7	11	1															1					13-14
14 49	26.580	103.0	64.7	11	3															3					14-15
15 52	26.565	103.0	65.1	12	5	5	CB	100												5	6	.065			15-16
16 51	26.580	102.0	65.2	12	6															6					16-17
17 48	26.585	98.9	64.6	14	6															6					17-18
18 49	26.585	92.8	62.0	16	7	7	CB	E100												7	1	.020			18-19
19 49	26.615	95.3	63.1	15	7															7					19-20
20 47	26.630	97.1	63.0	13	10															10					20-21
21 51	26.590	95.4	62.6	14	10	10	CB	E100												10	0	.005			21-22
22 46	26.595	93.0	62.8	17	9															9					22-23
23 48	26.620	92.0	62.1	17	7															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		88	80										
	0344	1	0	0	0	94	80		0								
	0944	2	0	0	0	96	77		0								
	1549	3	0	0	0	108	96		0								
	2148	4	0	0	0	106	93		0								
	MID.		0	0	0	96	92										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.700	26.565	26.590
BAROGRAPH 64	26.700	26.700	26.565	26.590
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
108	77	0	0	0	46	N	2040					2			

WEATHER & OBSTRUCTIONS TO VISION

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

99. 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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 8

TO CONVERT LST TO GMT ADD 8 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=360) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SLP OR HIGHER (15)
R	0049	100 SCT E250 BKN	20			112	91	42	09	07		003	110 1202	HS
R	0147	100 SCT 250 SCT	20			108	90	43	07	05		002		HS
R	0245	250 SCT	20			111	85	41	01	08		002		HS
R	0347	250 - SCT	20			112	87	41	05	09		003	502 1001 84 RADAT 63151	JD
R	0447	CLR	20			119	85	41	03	05		004		JD
R	0546	CLR	20			125	85	41	35	05		006	TCU DSNT S	JD
R	0647	CLR	20			125	89	41	36	08		006	112 1071	JD
R	0746	CLR	20			126	93	39	36	10		006		JD
R	0845	CLR	20			122	97	38	36	08		006		JD
R	0946	CLR	20			119	101	34	06	08		005	803 1170 83	JD
R	1046	CLR	20			117	101	35	05	03		005	Few Cu	JD
R	1146	CLR	20			110	103	32	05	07		003	Few Cu	JD
R	1248	100 SCT	20			102	104	32	32	03		000	715 1100	JD
R	1346	100 SCT	20			090	107	30	34	08		997		JD
R	1448	100 SCT	20			084	107	31	32	10	G20	994		JD
R	1549	100 SCT	20			074	104	32	36	07	G17	992	727 1100 09 RADAT 52154	HS
R	1646	100 SCT	20			065	105	25	36	08		989		HS
R	1750	100 SCT	20			064	103	29	34	04		988		HS
R	1849	100 SCT	20			066	98	31	01	04		989	708 1100	HS
R	1949	100 SCT	20			080	93	33	10	03		993		HS
R	2047	100 SCT	20			081	90	30	03	04		993		HS
R	2146	100 SCT	20			085	97	33	21	05		996	120 1100 09	HS
S	2208	100 SCT	20						35	31	G46	996	PK WND 3546/07	HS
R	2248	CLR	20			087	96	34	21	06		996	PK WND 3546/07	HS
R	2346	CLR	20			091	90	34	19	08		991		HS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 8

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	49	26.620	90.8	61.4	18	7	Cu	100	5	Ci	E250	7								6	1	.030			00-01
01	47	26.610	89.6	61.9	20	5														5					01-02
02	45	26.610	84.7	59.6	22	2														2					02-03
03	47	26.615	83.0	60.2	20	1	1	Ci	250											0	5	.005			03-04
04	47	26.630	83.4	59.6	21	0														0					04-05
05	46	26.645	85.0	59.5	21	0														0					05-06
06	47	26.650	88.7	60.9	19	0	0	Ac	180	0	Ci	250	0							0	1	.035			06-07
07	46	26.650	92.8	61.7	16	0														0					07-08
08	45	26.645	97.0	62.6	13	0														0					08-09
09	46	26.640	100.9	62.9	10	0	0	Cu	100	0	Ac	180	0							0	8	.010			09-10
10	46	26.635	101.1	63.1	10	0														0					10-11
11	46	26.615	103.1	63.2	9	0														0					11-12
12	45	26.595	103.8	63.4	8	1	1	Cu	100											1	7	.045			12-13
13	46	26.565	107.0	63.9	7	1														1					13-14
14	48	26.540	106.9	64.1	7	1														1					14-15
15	49	26.515	104.3	63.6	8	2	2	Cu	100											2	7	.030			15-16
16	46	26.490	105.0	62.2	6	1														1					16-17
17	50	26.485	103.1	62.4	7	1														1					17-18
18	49	26.490	97.7	61.0	10	1	1	Cu	100											1	5	.025			18-19
19	49	26.525	93.0	59.9	12	2														2					19-20
20	47	26.530	90.1	58.1	12	2														2					20-21
21	46	26.550	96.6	61.1	11	2	2	Cu	100											2	1	.060			21-22
22	48	26.555	96.4	61.4	11	0														0					22-23
23	46	26.565	97.6	59.1	14	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	92	84	X	X						X		
	0345	1	0	0	0	96	84		0								
	0944	2	0	0	0	101	83		0								
	1545	3	0	0	0	109	101		0								
	2141	4	0	0	0	107	88		0								
	MID.	X	0	0	0	97	90	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.640	26.515	26.550
BAROGRAPH 64	26.605	26.640	26.520	26.545
BAR. CORR. 65	+.010	0	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
109	83	0	0	0	46	N	2207					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 9

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENDERS INITIALS (15)
R	0049	CLR	20			093	88	42	28	07		997	10.5	HS
R	0147	CLR	20			091	88	30	01	07		997		HS
R	0246	CLR	20			093	87	31	01	06		997		HS
R	0349	CLR	20			096	86	38	06	04		997	302 85 RADAT 51152	CRD
R	0448	80 SCT 300 SCT	20			100	82	39	02	04		998		CRD
R	0546	80 SCT 300 SCT	20			105	79	41	32	02		999		CRD
R	0649	80 SCT	20			105	86	42	00	00		001	210 1100	CRD
R	0746	CLR	20			108	91	45	30	02		001		CRD
R	0849	CLR	20			105	95	45	09	07		999		CRD
R	0946	CLR	20			100	97	43	05	06		999	805 78	CRD
R	1045	300- SCT	20			098	100	43	14	03		998	TCU SE	CRD
R	1147	300- SCT	20			093	101	42	20	03		997	CB SE STNRY	CRD
R	1250	80 SCT 300-SCT	20			085	103	40	24	06		995	CB E SE-S STNRY RWU SE-S/714 1905	CRD
R	1349	80 SCT 300 SCT	20			080	104	40	29	05		993	CB E SE-S MOVG W RWU S	CRD
R	1445	80 SCT 300 SCT	20			077	103	45	15	08	G20	992	CB E SE-S MOVG W	CRD
R	1549	80 SCT 300 SCT	20			070	105	44	22	12		990	CB ESE STNRY / 715 1908 05 RADAT 50147	CG
R	1650	80 SCT 300 SCT	20			067	102	44	20	12		989	CB OSNT SE AND E	CG
R	1747	80 SCT 300 SCT	20			066	101	41	22	10		989	TCU E-S	CG
R	1845	80 SCT 300 SCT	20			066	97	41	18	11		989	603 1408	CG
R	1945	80 SCT 300 SCT	20			074	92	44	21	16		991		CG
R	2046	300 SCT	20			083	91	42	19	16	G26	994	PL WND 2026/38	CG
R	2145	300 SCT	20			092	90	42	21	13		997	224 1008 05	CG
S	2223	50 SCT 300 SCT	20		T				24	06		001	TB32 T N MOVMT UKN OCNL LTGIC N	CG
R	2245	FEW BKN 300 BKN	20		T	107	88	45	26	05		001	TB32 TNWN MOVMT UKN OCNL LTGICCG NNW-N	CG
L	2308	FEW OVC	15		TRW-				26	08			T NW MOVG SE OCNL LTGICCG NW RB07	CG
S	2324	FEW BKN 300 BKN	20						22	08		001	TE23 T MOVG E RB07E15	CG
R	2350	50 SCT 300 SCT	20			108	85	49	24	03		001	TE23 T MOVG E RB07E15	CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK, NV

DATE: [illegible] 9

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	
00	49	26.565	88.2	61.0	20	0														0	1	.015			00-01
01	47	26.565	87.8	57.2	12	0														0					01-02
02	46	26.570	87.0	57.3	14	0														0					02-03
03	47	26.570	85.8	58.8	18	0														0	3	.005			03-04
04	48	26.580	81.8	57.7	22	2														2					04-05
05	46	26.590	78.7	57.4	26	2														2					05-06
06	49	26.600	85.6	60.0	21	1	1	Cu	80											1	2	0.30			06-07
07	46	26.600	91.3	63.3	21	0														0					07-08
08	49	26.590	95.2	64.3	18	0														0					08-09
09	46	26.585	97.3	64.5	16	0														0	8	.015			09-10
10	45	26.580	99.7	65.2	15	2														1					10-11
11	47	26.565	101.0	65.2	13	3														1					11-12
12	50	26.545	103.4	65.3	11	4	1	CB	80	3	Cs	300	4							1	7	.040			12-13
13	47	26.530	104.4	65.7	11	4														3					13-14
14	45	26.520	103.3	67.0	14	4														3					14-15
15	49	26.500	104.7	67.0	13	4	3	Cb	80	1	Cs	300	4							3	7	.045			15-16
16	50	26.480	102.0	66.1	14	3														3					16-17
17	47	26.490	100.9	65.0	13	3														2					17-18
18	45	26.490	96.8	63.7	15	2	1	Sc	80	1	Cs	300	2							2	6	.010			18-19
19	45	26.510	92.4	63.0	19	2														2					19-20
20	46	26.540	91.2	62.0	18	1														1					20-21
21	45	26.560	89.7	61.6	19	1	1	Cs	300											1	2	.070			21-22
22	45	26.600	88.4	62.2	22	9														9					22-23
23	50	26.600	84.9	62.6	29	5														4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	90	85	X	X						X		
	0345	1	0	0	0	97	85		0								
	0943	2	0	0	0	99	78		0								
	1544	3	0	0	0	105	97		0								
	2143	4	0	0	0	105	90		0								
	MID.	X	T	0	0	90	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.585	26.500	26.560
BAROGRAPH 64	26.580	26.585	26.480	26.520
BAR. CORR. 65	-010	*0	+.020	+.040

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	78	T	0	0	26	5	2038					2			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	2232	2323			
RW-	2307	2315			

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:

* BAROGRAPH CHART CHANGED

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 10

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
R	0045	300 - BKN	20			105	82	53	07	02		000	01000 1008	CG
R	0148	E300 BKN	20			101	80	48	01	04		998		CG
R	0245	E300 BKN	20			094	80	48	36	05		996		CG
R	0350	130 SCT 300 SCT	20			094	77	49	04	03		996	61000 1078 76	CRD
/													RADAT 49149	/
R	0445	130 SCT 300 SCT	20			098	75	45	03	02		997		CRD
R	0547	130 SCT 300 SCT	20			104	76	48	06	02		998	Cu SW	CRD
R	0648	300 SCT	20			106	81	49	17	02		997	208 1178	CRD
R	0745	300 SCT	20			107	86	47	21	03		999	Cu Ac SE	CRD
R	0845	300 SCT	20			106	90	45	20	06		999	Cu SW	CRD
R	0946	300 SCT	20			105	93	45	22	08		999	Cu SW/102 1108 72	CRD
R	1048	300 SCT	20			100	95	45	19	08		998	FEW Cu	CRD
R	1149	300 SCT	20			096	98	43	19	07		997	FEW Cu	CRD
R	1245	300 SCT	20			087	99	42	23	10		995	TCU NW/715 1208	CRD
R	1347	300 SCT	20			075	101	41	22	12		991	TCU NW-N	CRD
R	1450	300 SCT	20			064	102	41	22	10		987	CB NW-N E NOVMT UNK	CRD
R	1549	80 SCT	20			063	107	42	22	09		984	732 1200 02 RADAT 47134	CG
R	1649	80 SCT	20			060	101	41	24	08		983	CB N AND E-SE RWU	CG
/	/	/	/	/	/	/	/	/	/	/	/	/	SE OCNL LTG-CG SE	/
R	1749	80 SCT	20			051	97	41	21	12		983	CB N-NE AND SE RWU SE	CG
R	1850	80 SCT	20			054	95	41	17	10		984	CB N AND SE RWU SE / 500	CG
/	/	/	/	/	/	/	/	/	/	/	/	/	1900	/
R	1949	80 SCT	20			065	93	44	16	14		987	CB N FQT LTG CG IC N	CG
R	2049	80 SCT 300 SCT	20			068	91	46	19	12		988	CB NW-N-E FQT LTG CG N	CG
R	2149	50 SCT 300 SCT	20			075	89	46	01	02		991	CB NW-NE FQT LTG CG IC	CG
/	/	/	/	/	/	/	/	/	/	/	/	/	NW-NE / 220 1908 02	/
R	2247	50 SCT 300 SCT	20			079	87	46	10	08		992	DSNT LTG NW-N	CG
R	2345	50 SCT E300 OVC	20			082	88	45	09	12	G23	993		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], DESERT ROCK, NV

DATE: [illegible]

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.590	81.5	63.3	37	9	9	Cs	3000												4	0	.030			00-01
01 48	26.580	79.6	60.5	33	7															5					01-02
02 45	26.560	79.9	60.6	33	8															6					02-03
03 50	26.560	77.2	60.2	38	4	2	Ac	130	2	Cs	300	4								3	6	030			03-04
04 45	26.565	79.3	57.5	34	3															2					04-05
05 47	26.580	75.8	59.0	37	3															2					05-06
06 48	26.585	80.5	61.0	33	1	0	Cu	80	0	Ac	130	0	1	Cs	300	1				1	2	025			06-07
07 45	26.590	86.4	62.4	26	2															2					07-08
08 45	26.590	89.8	62.8	22	2															2					08-09
09 46	26.590	93.2	63.8	19	2	0	Cu	80	2	Cs	300	2								2	1	005			09-10
10 48	26.575	95.3	64.4	18	1															1					10-11
11 49	26.565	98.0	64.7	15	2															2					11-12
12 45	26.545	99.2	64.8	14	2	0	Cu	80	2	Cs	300	2								2	7	045			12-13
13 47	26.510	101.0	65.0	13	2															2					13-14
14 50	26.480	101.8	65.3	13	2															2					14-15
15 49	26.460	101.9	65.6	13	1	1	Cu	80												1	7	.095			15-16
16 45	26.440	101.2	65.0	13	1															1					16-17
17 49	26.440	99.1	64.3	14	1															1					17-18
18 50	26.450	96.2	63.0	15	1	1	Cb	80												1	5	.000			18-19
19 49	26.480	93.0	63.4	19	1															1					19-20
20 49	26.490	90.7	63.5	22	3															3					20-21
21 49	26.510	89.3	63.0	23	5	4	Cb	50	1	Cs	300	5								5	2	.060			21-22
22 47	26.520	86.9	62.0	24	5															4					22-23
23 45	26.530	87.8	62.1	23	10															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0846	X	0	0	X	85	76	X	X						X		
	0846	1	T	0	0	96	76		0								
	0944	2	0	0	0	94	72		0								
	1546	3	0	0	0	102	93		0								
	2146	4	0	0	0	102	89		0								
	MID.	X	0	0	0	90	86	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0848	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.590	26.450	26.510
BAROGRAPH 64	26.525	26.570	26.420	26.470
BAR. CORR. 65	+035	+020	+.030	+.040

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	72	0	0	0	24	5	1953					2			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
1-77

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 11

TO CONVERT LST TO GMT ADD 8 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. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (tens) (12)	REMARKS AND SUPPLEMENTED CODED DATA (13)	NATIONAL USE ONLY (14)
RS	0045	50 SCT E300 OVC	20		T	086	86	48	09	14		994	TB43 T S-SW MOVG NW	CG
													FQT LTGCGLC SW/210 1907	
RS	0150	E50 BKN 300 OVC	20		RW-	094	82	55	05	12		996	TE35 T MOVD NW RB43	CG
R	0245	E50 BKN 300 OVC	20		RW-	092	78	60	11	12		995		CG
R	0346	E50 BKN 300 OVC	20			081	81	53	13	06		993	RE03/80300 1207 77	CRD
													RADAT 86145	
R	0445	E60 BKN 100 BKN 300 OVC	20		RW-	078	80	56	09	03		992	RB36	CRD
R	0545	E70 BKN 100 BKN 300 OVC	20			085	79	56	16	02		993	RE02	CRD
R	0645	E70 BKN 100 BKN 300 OVC	20			089	81	53	32	03		994	30300 1477	CRD
R	0745	70 SCT E100 BKN 300 OVC	20			095	86	49	19	05		996		CRD
R	0845	70 SCT E100 BKN 300 OVC	20			096	88	51	23	08		996		CRD
R	0947	70 SCT 100 SCT E300 BKN	20			095	92	49	20	12		997	30800 1278 77	CRD
R	1047	70 SCT 100 SCT E300 BKN	20			095	94	49	20	12 G 20		996		CRD
R	1146	70 SCT 100 SCT E300 BKN	20			088	95	47	21	12		995		CRD
R	1247	60 SCT E300 OVC	20			078	96	47	19	14 G 22		992	TCU ALQDS/715 1207	CRD
R	1347	60 SCT E300 OVC	20			071	98	46	23	14 G 24		989	TCU ALQDS	CRD
R	1450	60 SCT E300 BKN	20			072	96	44	18	08		988	CB ALQDS	CRD
R	1550	60 SCT E300 BKN	20			066	97	44	18	16		987	210 1208 98 RADAT 78144	CG
R	1649	60 SCT E300 BKN	20			060	96	43	17	10		986	" "	CG
R	1748	60 SCT E300 BKN	20			067	93	46	18	12		987	CB ALQDS	CG
R	1846	60 SCT E300 BKN	20			079	87	47	29	08		990	TCU ALQDS/307 1208	CG
S	1911	60 SCT E300 BKN	20		T				01	08		991	TB10 T S MOVG NW FQT	CG
													LTGCGIC S	
R	1945	E60 BKN 300 OVC	20		T	092	84	51	01	17 G 26		994	TB19 T S-SW MOVG NW FQT	CG
													LTGCGCC S-SW PK WND	
													3631/25	
R	2050	E40 BKN 300 OVC	20		T	102	79	55	36	19		996	T W-NW MOVG NW OCNL	CG
													LTGICG NW OCNL RW-	
													PK WND 3629/06	
S	2107	E40 BKN 300 OVC	20						36	16		997	TE05 T MOVD NW OCNL	CG
													LTG S-W-N	
R	2245	40 SCT E300 OVC	20		RW-	099	79	55	02	14 G 23		996	TB05 BW RB30/02000	CG
													1907 95	
R	2245	40 SCT E300 BKN	20			103	77	53	36	08		997	DSNT LTG NNW RE05	CG
R	2346	40 SCT E300 BKN	20			103	77	53	00	00		997	DSNT LTG NW	CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 11

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.540	86.4	62.6	26	10	5	CB	50	5	Cs	E300	10								8	2	-.030			00-01
01 50	26.560	82.0	64.3	39	10															9					01-02
02 45	26.550	78.0	66.0	54	10															10					02-03
03 46	26.530	80.7	63.2	39	10	8	Cu	E50	2	Cs	300	10								10	8	.010			03-04
04 45	26.520	80.2	64.2	43	10															9					04-05
05 45	26.530	79.1	64.0	45	10															9					05-06
06 45	26.540	81.3	63.2	37	10	6	Sc	E70	2	Ac	100	8	2	Cs	300	10				9	3	.010			06-07
07 45	26.560	85.6	63.0	29	10															9					07-08
08 45	26.560	87.7	64.5	29	10															9					08-09
09 47	26.565	92.2	65.0	23	9	2	Cu	70	3	Ac	100	5	4	Cs	E300	9				8	3	.025			09-10
10 47	26.560	94.0	65.4	21	8															8					10-11
11 46	26.545	94.8	65.2	20	9															8					11-12
12 47	26.520	96.1	65.4	19	10	2	Cu	60	8	Cs	E300	10								7	7	.045			12-13
13 47	26.495	97.6	65.4	17	10															7					13-14
14 50	26.490	96.1	64.3	17	9															7					14-15
15 50	26.480	97.4	64.9	17	9	3	Cu	60	6	Cs	E300	9								6	6	.040			15-16
16 49	26.465	96.4	64.0	16	9															6					16-17
17 48	26.475	93.2	64.0	20	8															6					17-18
18 46	26.500	86.7	62.5	26	8	3	Cu	60	5	Cs	E300	8								6	3	.020			18-19
19 45	26.540	83.9	63.0	32	10															9					19-20
20 50	26.560	78.5	63.2	44	10															10					20-21
21 45	26.560	78.6	63.3	44	10	4	CB	40	6	Cs	E300	10								9	0	.060			21-22
22 45	26.570	77.3	62.1	44	8															6					22-23
23 46	26.570	76.8	62.0	44	6															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		T	0		88	77										
	0344	1	T	0	0	90	77		0								
	0944	2	T	0	0	93	77		0								
	1547	3	0	0	0	98	90		0								
	2143	4	T	0	0	97	78		0								
	MID.		T	0	0	79	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1548	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.495	26.480	26.560
BAROGRAPH 64	26.500	26.525	26.450	26.530
BAR. CORR. 65	+030	+040	+030	+030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
98	77	T	0	0	31	N	1925					9			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	0043	0135			
RW-	0143	0303			
RW-	0436	0502			
T	1910	2105			
RW-	2130	2205			

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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 12

TO CONVERT LST TO GMT ADD 8 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)	SEQUENCE INITIALS (15)
R	0048	300 SCT	20			099	76	53	32	02		996	00000 1008	CG
R	0147	E300 BKN	20			098	76	52	01	06		996		CG
R	0245	E300 OVC	20			099	76	53	36	05		996		CG
R	0348	120 SCT E300 OVC	20			100	75	55	24	02		996	4000 1077 74 RADAT 71139	CRD
R	0446	120 SCT E300 OVC	20			108	72	53	01	02		998	CB NW OCNL LTG ICCG	CRD
R	0546	E300 BKN	20			112	71	54	00	00		999	CB NW-N MOUNT UNK	CRD
R	0645	300 SCT	20			120	73	54	00	00		001	CB NW MOVG N /214 1308	CRD
R	0745	300 SCT	20			122	81	52	02	05		002	ACSL SE	CRD
R	0845	300 SCT	20			118	84	49	05	02		002		CRD
R	0946	CLR	20			115	89	42	17	14 G 22		000	802 1008 70	CRD
R	1046	CLR	20			112	90	44	16	14 G 25		999	FEW CU PK WND 1726/27	CRD
R	1145	60 SCT	20			108	93	43	17	15 G 27		998	PK WND 1829/27	CRD
R	1248	60 SCT	20			102	95	40	18	12 G 24		997	CB E-S PK WND 1344/1948	CRD
/													/710 1300	/
R	1348	60 SCT 300-SCT	20			091	95	43	19	16 G 27		994	CB N-S PK WND 1531/22	CRD
R	1450	60 SCT 300 SCT	20			074	94	42	19	17 G 25		988	CB NE-SE PK WND 1930/32	CRD
R	1551	60 SCT	20			070	94	42	16	17 G 27		987	CB NE-SE PK WND 1828/17	CG
/	/	/ / / / /	/	/	/ /	/	/	/	/	/	/	/	/629 1900 95 RADAT 48140	/
R	1649	60 SCT	20			073	92	41	17	16		987	CB NE-SE PK WND 1829/06	CG
R	1745	60 SCT	20			070	92	40	18	12 G 24		986	CB ALQDS RWU W	CG
R	1845	60 SCT 300 SCT	20			066	90	38	19	12		986	CB N-E-SE / 805 1908	CG
R	1945	300 SCT	20			079	87	44	16	14 G 23		990	PK WND 1826/16	CG
R	2045	300 SCT	20			085	84	47	15	18		992		CG
R	2145	50 SCT	20			084	83	47	17	17		992	119 1100 95	CG
R	2247	50 SCT	20			088	82	48	14	12		993		CG
R	2345	CLR	20			090	81	46	14	08		994		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 JUN 12

To convert LST to GMT ADD 3 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.560	75.5	61.3	46	4	4	Cs	300												3	0	-.000			00-01
01 47	26.560	76.2	61.1	43	8															7					01-02
02 45	26.560	75.7	61.9	46	10															8					02-03
03 48	26.560	74.5	61.8	50	10	3	Ac	12.0	7	Cs	E300	10								8	4	.000			03-04
04 46	26.580	71.6	60.2	53	10															8					04-05
05 46	26.585	76.5	60.0	55	8															7					05-06
06 45	26.600	73.1	61.0	51	5	0	CB	60	5	Cs	300	5								5	2	.040			06-07
07 45	26.610	81.2	62.8	37	3															3					07-08
08 45	26.605	84.3	62.5	30	2															2					08-09
09 46	26.595	89.4	61.4	19	0	0	Cs	300												0	8	.005			09-10
10 46	26.590	90.0	62.4	21	0															0					10-11
11 45	26.580	93.4	63.1	18	1															1					11-12
12 48	26.565	94.6	62.6	15	1	1	CB	60												1	7	.030			12-13
13 48	26.535	95.0	63.4	17	3															1					13-14
14 50	26.490	94.4	63.0	16	3															3					14-15
15 51	26.480	94.0	63.0	17	1	1	CB	60												1	6	.085			15-16
16 49	26.480	92.2	62.0	17	1															1					16-17
17 45	26.470	91.7	61.4	16	3															3					17-18
18 45	26.465	89.9	60.4	16	4	1	CB	60	3	Cs	300	4								3	8	.015			18-19
19 45	26.500	86.7	61.2	22	3															2					19-20
20 45	26.520	84.4	61.5	27	1															1					20-21
21 45	26.520	83.0	61.0	28	1	1	Cu	50												1	1	.055			21-22
22 47	26.530	81.7	61.0	31	1															1					22-23
23 45	26.540	80.9	60.1	30	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	79	74	X	X						X		
	0345	1	T	0	0	79	74		0								
	0943	2	0	0	0	90	70		0								
	1546	3	0	0	0	95	89		0								
	2143	4	0	0	0	94	83		0								
	MID.	X	0	0	0	83	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.575	26.480	26.520
BAROGRAPH 64	26.530	26.570	26.470	26.500
BAR. CORR. 65	+.030	+.025	+.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 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
95	70	0	0	0	44	SE	1148					3			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 13

TO CONVERT LST TO GMT ADD 8 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. (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)	SIGNERS INITIALS (15)
R	0049	CLR	20			078	81	44	15	13		991	803	CG
R	0145	CLR	20			082	80	42	13	14		992		CG
R	0245	CLR	20			080	78	44	13	06		991		CG
R	0347	CLR	20			085	79	42	13	07	G15	993	307 77 RADAT 46131	HG
R	0447	CLR	20			098	76	44	15	06		995		HG
R	0547	CLR	20			103	77	45	12	04		997	FEW CU SE	HG
R	0647	CLR	20			103	79	45	16	12	G19	997	112 1100	HG
R	0749	CLR	20			101	82	45	15	14	G22	996		HG
R	0851	CLR	20			101	85	45	18	17	G25	997	PK WND 1627/14	HG
R	0947	CLR	20			100	86	43	16	21	G30	996	PK WND 1631/18 602	HG
—													1101 76	—
R	1045	CLR	20			101	87	42	17	21	G30	996	PK WND 1732/28	HG
R	1147	CLR	20			093	88	42	16	19	G31	994	PK WND 1832/21	HG
R	1247	90 SCT 250 SCT	20			084	90	37	17	17	G31	992	PK WND 1732/29 814 1101	HG
R	1348	90 SCT 250 SCT	20			072	91	36	17	21	G30	988	PK WND 1932/31	HG
R	1452	90 SCT 250 SCT	20			070	91	35	18	19	G30	987	PK WND 1834/20	HG
R	1545	90 SCT 250 SCT	20			062	91	33	18	20	G27	985	PK WND 1833/8 720 1101	GH
/	/	/ / /	/	/		/	/	/	/	/	/	/	92 RADAT 76132	/
R	1646	90 SCT 250 SCT	20			060	89	42	18	14	G24	984	PK WND 1833/41	GH
R	1748	CLR	20			058	87	36	17	22	G29	983	PK WND 1739/52 FEW CU HGDS	GH
R	1850	CLR	20			062	84	38	19	12	G26	984	PK WND 1629/03	GH
/	/	/ / /	/			/	/	/	/	/	/	/	503 1100	/
R	1948	CLR	20			068	82	40	18	15	G22	986		GH
R	2046	CLR	20			072	80	39	18	16		987		GH
R	2145	CLR	20			075	79	37	16	14		988	314 92	GH
R	2247	CLR	20			084	77	39	19	08		991		GH
R	2346	CLR	20			084	76	38	24	06		991		GH

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh$ h_s $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: [illegible]

To convert L.S.T. to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 38	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HRS.
00 49	26.510	80.5	59.2	28	0															0	8	.010			00-01
01 45	26.520	80.0	58.3	26	0															0					01-02
02 45	26.510	78.3	58.2	29	0															0					02-03
03 47	26.530	79.2	57.7	26	0															0	3	.020			03-04
04 47	26.550	76.1	57.5	32	0															0					04-05
05 47	26.565	77.4	58.2	31	0															0					05-06
06 47	26.565	79.3	59.0	30	0	0	CU	70												0	1	.035			06-07
07 49	26.560	82.2	60.0	27	0															0					07-08
08 51	26.565	85.3	61.0	24	0															0					08-09
09 47	26.560	86.0	60.8	23	0	0	CU	80	0	CI	250	0								0	6	.005			09-10
10 45	26.560	86.6	60.3	21	0															0					10-11
11 47	26.540	88.2	61.1	20	0															0					11-12
12 47	26.520	90.0	60.0	16	1	1	CU	90	0	CI	250	1								1	8	.040			12-13
13 48	26.490	90.7	60.0	15	1															1					13-14
14 ~~49~~ 48	26.480	90.5	59.5	14	3															3					14-15
15 45	26.460	90.6	59.0	13	3	2	CU	90	1	CI	250	3								2	7	.060			15-16
16 46	26.450	88.5	60.0	17	2															2					16-17
17 48	26.440	86.8	58.5	16	0															0					17-18
18 50	26.450	83.9	58.1	19	0	0	CU	90												0	5	.010			18-19
19 48	26.470	82.0	58.0	22	0															0					19-20
20 46	26.480	80.3	57.2	23	0															0					20-21
21 45	26.490	79.0	56.0	22	0															0	3	.040			21-22
22 47	26.510	77.0	56.0	26	0															0					22-23
23 46	26.510	75.8	55.2	26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	81	77	X	X						X		
	0344	1	0	0	0	83	77		0								
	0944	2	0	0	0	86	76		0								
	1545	3	0	0	0	92	86		0								
	2145	4	0	0	0	91	79		0								
	MID.	X	0	0	0	79	75	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	26.530	26.560	26.460	26.480
BAROGRAPH 64	26.470	26.510	26.480	26.510
BAR. CORR. 65	+040	*0	-020	-020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
92	75	0	0	0	34	S	1420					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:

*BAROGRAPH CHANGED RESET TO ±0 COR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 14

TO CONVERT LST TO GMT ADD 7 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
R	0045	CLR	20			092	73	40	27	03		993	314	GH
R	0147	CLR	20			096	71	39	36	12		994		GH
R	0253	CLR	20			110	69	47	01	12		997		GH
R	0351	CLR	20			117	69	48	02	12		997	320 68 RADAT 52127	GH
R	0448	CLR	20			124	68	47	01	14	G21	002		GH
R	0551	CLR	20			133	68	46	01	10		004		GH
R	0645	CLR	20			145	70	46	01	10		007	324	GH
R	0748	CLR	20			145	73	41	36	12		007		GH
R	0851	CLR	20			146	75	44	36	10		008		GH
R	0948	CLR	20			148	79	42	02	08		008	303 1100 67	GH
R	1048	CLR	20			146	82	37	36	06		008		GH
R	1150	CLR	20			140	84	35	33	04		006		GH
R	1247	CLR	20			133	85	36	36	05		004	814 1100	GH
R	1347	CLR	20			128	89	32	25	08		003		GH
R	1452	CLR	20			121	88	32	22	03		001		GH
R	1545	CLR	20			114	88	29	32	02		998	717 1100 90 RADAT 20154	GH
R	1645	CLR	20			111	88	24	27	02		997	FEW CU SE	GH
R	1745	CLR	20			111	88	29	23	04		997		GH
R	1845	CLR	20			121	81	31	24	02		999	303	GH
R	1945	CLR	20			128	78	39	01	03		002		GH
R	2045	CLR	20			132	75	28	00	00		003		GH
R	2145	CLR	20			130	74	26	34	03		003	110 90	GH
R	2245	CLR	20			133	75	26	05	04		004		GH
R	2345	CLR	20			133	73	28	09	02		004		GH

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSFO PERCEY PORT NY

DATE: [illegible] 14

To convert LST to GMT ADD [illegible] 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	26.530	73.0	54.7	30	0															0	3	.040			00-01
01 47	26.540	71.2	53.8	32	0															0					01-02
02 53	26.570	69.2	56.1	45	0															0					02-03
03 54	26.590	68.6	56.2	47	0															0	3	.060			03-04
04 48	26.605	67.6	55.4	47	0															0					04-05
05 51	26.630	68.0	55.1	45	0															0					05-06
06 45	26.660	69.6	55.8	42	0															0	3	.070			06-07
07 48	26.660	72.5	55.0	32	0															0					07-08
08 51	26.665	75.3	57.1	33	0															0					08-09
09 48	26.670	78.8	57.7	27	0	0	Cu	90												0	3	.010			09-10
10 48	26.665	81.9	57.1	20	0															0					10-11
11 50	26.650	83.6	57.0	17	0															0					11-12
12 47	26.630	85.0	57.8	17	0	0	Cu	90												0	8	.040			12-13
13 47	26.620	88.9	58.1	13	0															0					13-14
14 52	26.600	88.0	57.8	13	0															0					14-15
15 45	26.580	88.2	57.2	12	0	0	Cu	90												0	7	.050			15-16
16 45	26.570	88.0	56.0	10	0															0					16-17
17 45	26.570	88.0	57.0	12	0															0					17-18
18 45	26.590	80.6	54.8	17	0															0	3	.010			18-19
19 45	26.610	78.3	53.3	16	0															0					19-20
20 45	26.620	74.8	51.6	17	0															0					20-21
21 45	26.620	74.4	51.0	17	0															0	1	.030			21-22
22 45	26.630	75.0	51.3	16	0															0					22-23
23 45	26.630	73.4	51.0	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		76	68										
	0350	1	0	0	0	79	68		0								
	0945	2	0	0	0	80	67		0								
	1543	3	0	0	0	90	79		0								
	2142	4	0	0	0	88	74		0								
	MID.		0	0	0	75	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0948	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.670	26.580	26.620
BAROGRAPH 64	26.595	26.695	26.610	26.640
BAR. CORR. 65	-.005	-.025	-.030	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
90	67	0	0	0	23	N	0519					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 1ST MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 15

TO CONVERT LST TO GMT ADD 8 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 (Inx.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	Observer's Initials (14)
R	0045	CLR	20			134	70	26	00	00		004	103	GH
R	0145	CLR	20			132	71	25	09	03		004		GH
R	0252	CLR	20			132	70	23	02	04		004		GH
R	0353	CLR	20			136	69	26	03	02		005	303 67 RADAT 20152	GH
R	0451	CLR	20			138	67	22	32	02		006		GH
R	0549	CLR	20			144	70	23	04	03		007		GH
R	0645	CLR	20			145	73	25	31	02		007	107	GH
R	0746	CLR	20			146	79	25	35	04		008		GH
R	0850	CLR	20			146	84	28	05	02		008		GH
R	0949	CLR	20			138	87	28	22	02		006	803 65	GH
R	1048	CLR	20			134	87	37	18	03		005		GH
R	1147	CLR	20			127	90	33	18	12	G24	004		GH
R	1254	CLR	20			116	93	34	16	12	G18	999	820	GH
R	1348	CLR	20			106	92	32	16	14	G22	997	PK WND 1729/07	GH
R	1451	CLR	20			103	94	30	18	12	G17	996		GH
R	1548	CLR	20			097	93	30	20	18		994	717 95 RADAT 26147	GH
R	1645	CLR	20			091	92	31	20	14		992		GH
R	1745	CLR	20			086	90	30	19	12		991		GH
R	1845	CLR	20			086	87	26	15	14		991	610	GH
R	1945	CLR	20			088	85	21	16	07		992		GH
R	2045	CLR	20			091	79	23	19	03		993		GH
R	2145	CLR	20			091	77	21	20	06		993	107 95	GH
R	2245	CLR	20			090	81	23	17	12		993		GH
R	2345	CLR	20			089	79	22	18	10		993		GH

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION [illegible]

DATE [illegible]

To convert LST to GMT ADD [illegible] hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.630	69.5	48.0	20	0															0	1	.010			00-01
01 45	26.630	71.2	49.5	18	0															0					01-02
02 52	26.630	69.8	48.4	17	0															0					02-03
03 53	26.640	69.4	48.9	20	0															0	3	.010			03-04
04 51	26.645	66.7	46.7	18	0															0					04-05
05 49	26.660	70.0	48.4	17	0															0					05-06
06 45	26.660	72.8	50.0	16	0															0	1	.020			06-07
07 46	26.665	78.7	52.5	14	0															0					07-08
08 50	26.665	83.8	55.2	13	0															0					08-09
09 49	26.650	86.8	56.5	12	0															0	8	.010			09-10
10 48	26.640	87.1	57.0	17	0															0					10-11
11 47	26.625	90.0	58.8	13	0															0					11-12
12 57	26.590	92.6	60.0	14	0															0	8	.060			12-13
13 48	26.570	93.0	59.4	12	0															0					13-14
14 51	26.560	94.2	59.6	10	0															0					14-15
15 48	26.540	92.8	59.0	11	0															0	7	.050			15-16
16 45	26.570	91.5	58.8	11	0															0					16-17
17 45	26.510	90.0	58.0	12	0															0					17-18
18 45	26.510	86.8	56.0	11	0															0	6	.030			18-19
19 45	26.520	84.9	54.2	9	0															0					19-20
20 45	26.530	78.8	52.1	12	0															0					20-21
21 45	26.530	77.0	51.0	12	0															0	1	.020			21-22
22 45	26.530	80.6	52.9	12	0															0					22-23
23 45	26.530	78.8	51.8	12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		73	67										
	0349	1	0	0	0	75	67		0								
	0945	2	0	0	0	88	65		0								
	1545	3	0	0	0	95	87		0								
	2143	4	0	0	0	93	77		0								
	MID.		0	0	0	81	75										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0947	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.650	26.545	26.530
BAROGRAPH 64	26.650	26.680	26.545	26.530
BAR. CORR. 65	-.010	-.030	-.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. SNOWF ALL 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
95	65	0	0	0	29	S	1307					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:

THE HIGH DEW PT. AT 1048 WAS CAUSED BY CONSTRUCTION WORKERS WETTING GROUND AROUND SHELTER

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MS1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 16

TO CONVERT LST TO GMT ADD 8 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)	(15)
R	0045	CLR	20			084	79	26	19	09		992	803	GH
R	0145	CLR	20			081	77	30	21	10		991		GH
R	0252	CLR	20			077	77	28	21	11		990		GH
R	0350	CLR	20			080	73	29	01	02		990	607 72 RADAT 20145	GH
R	0450	CLR	20			084	72	32	23	09		991		GH
R	0548	CLR	20			089	72	34	00	00		992		GH
R	0659	CLR	20			088	78	28	21	09		993	108	GH
R	0746	CLR	20			094	80	32	18	13		994		GH
R	0849	CLR	20			098	82	34	18	17	G24	995		GH
R	0947	CLR	20			098	84	35	19	16	G22	995	107 70	GH
R	1045	CLR	20			090	86	32	20	21	G31	993	PK WND 2031/37	TS
R	1148	CLR	20			086	88	29	19	21	G30	992	PK WND 2134/37	GH
R	1250	CLR	20			080	90	30	19	21	G30	991	PK WND 2031/03 712	GH
R	1357	CLR	20			079	90	30	17	16	G31	990	PK WND 1831/43	GH
R	1452	CLR	20			061	93	29	18	17	G26	985	PK WND 1827/37	GH
R	1545	CLR	20			056	94	28	22	18	G27	983	PK WND 1922/62 / 724 94	GH
/	/	/	/			/						/	RADAT 22156	/
R	1645	CLR	20			054	92	27	17	15	G24	982	PK WND 1729/64	GH
R	1745	CLR	20			047	89	27	18	18	G26	980	PK WND 1826/45	GH
R	1845	CLR	20			053	85	28	16	15	G22	982	PK WND 1725/05/503	GH
R	1945	CLR	20			057	84	27	17	12	G21	983		GH
R	2045	CLR	20			062	80	28	16	10		984		GH
R	2145	CLR	20			065	80	28	15	08		985	310 94	GH
R	2245	CLR	20			065	79	27	16	14		985		GH
R	2345	CLR	20			064	78	26	17	12		985		GH

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 16

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.520	79.3	53.0	14	0															0	8	.010			00-01
01 45	26.510	76.5	52.8	18	0															0					01-02
02 52	26.500	76.8	52.5	17	0															0					02-03
03 50	26.500	72.8	51.0	19	0															0	6	.020			03-04
04 50	26.510	72.2	51.6	22	0															0					04-05
05 48	26.520	72.2	52.2	24	0															0					05-06
06 59	26.525	78.3	53.0	15	0															0	1	.025			06-07
07 46	26.510	80.1	55.0	18	0															0					07-08
08 49	26.545	82.1	56.2	18	0															0					08-09
09 47	26.515	83.6	57.1	18	0															0	1	.020			09-10
10 45	26.530	86.0	57.2	15	0															0					10-11
11 48	26.520	87.8	57.0	12	0															0					11-12
12 50	26.510	90.2	58.1	11	0															0	7	.025			12-13
13 52	26.500	90.0	58.0	12	0															0					13-14
14 52	26.460	92.8	58.8	10	0															0					14-15
15 45	26.440	94.0	59.0	9	0															0	7	.070			15-16
16 45	26.430	91.6	58.0	10	0															0					16-17
17 45	26.410	89.4	57.2	11	0															0					17-18
18 45	26.430	85.3	55.8	12	0															0	5	.010			18-19
19 45	26.440	84.0	55.0	12	0															0					19-20
20 45	26.450	79.9	53.7	15	0															0					20-21
21 45	26.460	79.5	53.5	15	0															0	3	.030			21-22
22 45	26.460	78.7	53.0	15	0															0					22-23
23 45	26.460	78.0	52.5	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	80	72	X	X						X		
	0347	1	0	0	0	81	72		0								
	0944	2	0	0	0	85	70		0								
	1543	3	0	0	0	94	83		0								
	2142	4	0	0	0	94	79		0								
	MID.	X	0	0	0	80	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.545	26.440	26.460
BAROGRAPH 64	26.515	26.560	26.460	26.470
BAR. CORR. 65	-.015	-.015	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	70	0	0	0	34	SW	1127					0			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 17

TO CONVERT LST TO GMT ADD 8 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)
R	0045	CLR	20			056	77	28	18	12		983	607	GH
R	0145	CLR	20			056	77	30	18	14	G23	983		GH
R	0252	CLR	20			060	75	31	19	14		984		GH
R	0350	CLR	20			070	74	31	18	12	G19	988	614 74 RADAT 22152	RD
R	0450	CLR	20			066	74	32	19	11		986		RD
R	0549	CLR	20			070	74	34	18	09		987		RD
R	0649	CLR	20			084	76	38	18	14		990	307	RD
R	0749	CLR	20			087	77	39	20	12	G20	992		RD
R	0849	CLR	20			092	80	39	19	16	G23	993		RD
R	0950	CLR	20			093	81	39	19	20	G26	993	PK WND 1926/45 /108 73	RD
R	1049	CLR	20			096	83	39	19	21	G28	994	PK WND 1929/33	RD
R	1147	CLR	20			090	84	39	18	12	G20	993	PK WND 1930/06	RD
R	1249	CLR	20			087	87	37	21	12	G23	992	FEW CU NW /802 1100	RD
R	1352	CLR	20			078	87	38	17	12	G19	989	FEW CU NW	RD
R	1451	CLR	20			074	89	35	20	12	G23	988	CU NW PK WND 2028/19	RD
R	1546	CLR	20			066	89	33	18	12		986	719 1100 90 RADAT 20147	JK
R	1647	CLR	20			065	89	33	23	08		985	FEW CU	JK
R	1748	CLR	20			065	88	30	23	07		985	FEW CU NW-N	JK
R	1849	CLR	20			070	84	29	19	06		986	302 1400	JK
R	1948	CLR	20			080	82	26	20	05		989	SC N	JK
R	2046	CLR	20			095	79	28	34	12	G24	994	SC NW-N PKWND 3626/28	JK
R	2145	CLR	20			100	78	25	35	13	G20	995	PK WND 3427/0950 /127 1400	JK
R	2246	CLR	20			109	75	26	36	17	G24	997	AC N	JK
R	2345	CLR	20			121	73	24	05	06		001		JK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRs $8N_sCh\ h_s$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WOMO, DESERT ROCK, NV

DATE: 1978 AUG 17

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.440	77.2	52.6	16	0															0	6	020			00-01
01 45	26.440	76.8	53.0	18	0															0					01-02
02 52	26.450	75.3	52.8	20	0															0					02-03
03 50	26.480	74.0	52.0	20	0															0	3	.040			03-04
04 50	26.465	73.8	52.5	22	0															0					04-05
05 49	26.495	73.8	53.0	23	0															0					05-06
06 49	26.500	75.7	55.0	25	0															0	3	.020			06-07
07 49	26.515	77.4	56.0	25	0															0					07-08
08 49	26.525	79.8	57.0	23	0															0					08-09
09 50	26.525	81.0	57.3	23	0															0	1	.025			09-10
10 49	26.540	83.0	58.0	21	0															0					10-11
11 49	26.525	84.1	58.6	20	0															0					11-12
12 49	26.520	86.8	59.0	17	0	0	Cu	90												0	8	.005			12-13
13 52	26.495	87.0	59.2	18	0															0					13-14
14 51	26.480	88.8	59.0	15	0															0					14-15
15 46	26.465	89.0	58.5	14	0	0	Cu	90												0	7	.055			15-16
16 47	26.460	89.0	58.5	14	0															0					16-17
17 48	26.460	88.1	57.3	12	0															0					17-18
18 49	26.470	83.9	55.5	14	0	0	Sc	90												0	3	.005			18-19
19 48	26.495	82.0	54.0	13	0															0					19-20
20 46	26.535	79.1	53.3	15	0															0					20-21
21 45	26.550	78.1	52.4	14	0	0	Sc	100												0	1	.080			21-22
22 46	26.570	75.4	51.3	16	0															0					22-23
23 45	26.600	73.0	50.0	16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	78	74	X	X						X		
	0345	1	0	0	0	80	74		0								
	0945	2	0	0	0	81	73		0								
	1544	3	0	0	0	90	81		0								
	2143	4	0	0	0	89	78		0								
	MID.	X	0	0	0	78	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.525	26.465	26.550
BAROGRAPH 64	26.490	26.525	26.465	26.550
BAR. CORR. 65	-.010	±0*	0	.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	73	0	0	0	30	5	1106					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 MINUTE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK:

*CHANGED MICRO-BARO GRAPH AND ADJUSTED TO ZERO CORRECTION.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 18

TO CONVERT LST TO GMT ADD 8 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)	SERVICE INITIALS (15)
R	0045	CLR	20			124	72	25	02	10		002	120	JK
R	0145	CLR	20			131	71	27	06	08		004		JK
R	0245	CLR	20			136	69	28	02	09		005		JK
R	0348	CLR	20			146	65	27	02	07		008	217 65 RADAT 62122	RD
R	0449	CLR	20			150	66	31	01	06		009		RD
R	0550	CLR	20			156	66	27	01	10		010		RD
R	0650	CLR	20			164	67	23	36	12		011	214	RD
R	0749	CLR	20			168	69	23	36	12		013		RD
R	0849	CLR	20			166	73	24	01	10		012		RD
R	0949	CLR	20			164	76	24	36	10		012	003 64	RD
R	1051	CLR	20			156	79	24	36	08		010		RD
R	1150	CLR	20			154	82	21	32	08		009		RD
R	1250	CLR	20			144	83	24	01	08		008	717	RD
R	1350	CLR	20			136	87	23	32	05		005		RD
R	1449	CLR	20			130	86	23	32	10		003		RD
R	1546	CLR	20			127	87	21	34	08		002	617 88 RADAT 20140	JK
R	1645	CLR	20			124	86	23	30	05		001		JK
R	1748	CLR	20			118	85	21	34	05		999		JK
R	1849	CLR	20			118	83	21	33	02		999	608	JK
R	1945	CLR	20			126	76	18	12	03		001		JK
R	2047	CLR	20			135	73	19	34	02		003		JK
R	2145	CLR	20			135	69	18	00	00		003	112 88	JK
R	2246	CLR	20			138	67	19	00	00		004		JK
R	2345	CLR	20			135	68	21	09	02		004		JK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1978 AUG 18
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.610	71.9	49.7	17	0															0	1	.060			00-01
01 45	26.630	70.5	49.5	19	0															0					01-02
02 45	26.640	68.7	49.1	21	0															0					02-03
03 48	26.660	648	47.0	23	0															0	2	.050			03-04
04 49	26.675	66.1	48.9	27	0															0					04-05
05 50	26.690	65.8	47.6	23	0															0					05-06
06 50	26.700	67.0	47.0	19	0															0	2	.040			06-07
07 49	26.720	69.3	48.0	17	0															0					07-08
08 47	26.710	73.3	53.1	16	0															0					08-09
09 49	26.710	75.8	51.2	15	0															0	0	.010			09-10
10 51	26.690	79.0	52.4	13	0															0					10-11
11 50	26.680	82.0	53.0	10	0															0					11-12
12 50	26.660	83.2	54.1	11	0															0	7	.050			12-13
13 50	26.640	86.7	55.3	10	0															0					13-14
14 49	26.620	85.8	55.0	10	0															0					14-15
15 46	26.610	87.0	55.0	9	0															0	6	.050			15-16
16 45	26.600	86.0	55.0	10	0															0					16-17
17 48	26.585	55.4	54.3	9	0															0					17-18
18 49	26.585	82.6	53.3	10	0															0	6	.025			18-19
19 45	26.600	76.1	50.1	11	0															0					19-20
20 47	26.620	72.9	48.8	13	0															0					20-21
21 45	26.620	69.4	47.1	14	0															0	1	.035			21-22
22 46	26.630	66.7	46.1	16	0															0					22-23
23 45	26.630	67.8	47.0	17	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	73	65	X	X						X		
	0344	1	0	0	0	78	65		0								
	0944	2	0	0	0	77	64		0								
	1544	3	0	0	0	88	76		0								
	2143	4	0	0	0	87	69		0								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0948	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.710	26.610	26.620
BAROGRAPH 64	26.660	26.695	26.610	26.620
BAR. CORR. 65	+0	+.015	.0	.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
88	64	0	0	0	20	N	0739					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1977 AUG 19

TO CONVERT LST TO GMT ADD 8 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)
R	0050	CLR	20			134	64	20	33	02		003	000	JK
R	0145	CLR	20			131	65	20	00	00		003		JK
R	0250	CLR	20			136	62	20	00	00		004		JK
R	0350	CLR	20			133	60	19	00	00		003	000 58 RADAT 20145	RD
R	0449	CLR	20			134	60	17	00	00		005		RD
R	0550	CLR	20			147	63	17	00	00		007		RD
R	0649	CLR	20			146	68	17	00	00		008	214	RD
R	0748	CLR	20			145	75	17	00	00		008		RD
R	0849	CLR	20			144	82	21	03	02		007		RD
R	0949	CLR	20			139	86	21	19	02		006	805 57	RD
R	1049	CLR	20			136	88	25	19	04		005		RD
R	1149	CLR	20			130	89	24	20	04		003		RD
R	1250	CLR	20			122	91	23	18	04		001	715	RD
R	1351	CLR	20			128	91	24	22	02		999		RD
R	1450	CLR	20			108	92	26	20	03		997		RD
R	1549	CLR	20			107	92	26	21	07		996	617 93 RADAT 42131	JK
R	1647	CLR	20			102	91	28	21	06		995		JK
R	1745	CLR	20			102	89	22	19	04		995		JK
R	1845	CLR	20			105	85	25	19	04		996	302	JK
R	1945	CLR	20			109	79	22	00	00		997		JK
R	2046	CLR	20			113	76	26	04	01		998		JK
R	2148	CLR	20			111	77	26	09	01		998	108 93	JK
R	2246	CLR	20			111	73	24	00	00		998		JK
R	2345	CLR	20			108	78	27	09	04		998		JK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] ROCK MN

DATE: 1978 AUG 19

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.620	63.8	44.8	18	0															0	0	.000			00-01
01 45	26.620	65.0	45.5	18	0															0					01-02
02 50	26.625	61.8	44.1	20	0															0					02-03
03 50	26.620	60.1	43.0	20	0															0	0	.000			03-04
04 49	26.635	59.6	42.4	19	0															0					04-05
05 50	26.655	62.8	43.9	17	0															0					05-06
06 49	26.660	68.0	46.2	14	0															0	2	.040			06-07
07 48	26.660	75.1	49.5	11	0															0					07-08
08 49	26.655	81.8	53.0	11	0															0					08-09
09 49	26.645	86.0	54.7	9	0															0	8	.015			09-10
10 49	26.635	87.8	56.1	10	0															0					10-11
11 49	26.620	89.1	56.4	10	0															0					11-12
12 50	26.600	91.0	57.0	9	0															0	7	.045			12-13
13 51	26.585	90.8	57.1	9	0															0					13-14
14 50	26.560	92.3	58.0	9	0															0					14-15
15 49	26.550	92.2	58.1	9	0															0	6	.050			15-16
16 47	26.545	91.2	58.0	10	0															0					16-17
17 45	26.545	89.0	56.0	9	0															0					17-18
18 45	26.555	85.0	55.0	11	0															0	3	.005			18-19
19 45	26.565	79.3	52.1	12	0															0					19-20
20 46	26.580	76.0	51.6	16	0															0					20-21
21 48	26.580	77.0	52.0	15	0															0	1	.025			21-22
22 46	26.580	73.2	50.1	15	0															0					22-23
23 45	26.580	77.9	52.7	15	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	68	58	X	X						X		
	0344	1	0	0	0	69	58		0								
	0944	2	0	0	0	86	57		0								
	1547	3	0	0	0	93	86		0								
	2146	4	0	0	0	92	76		0								
	MID.	X	0	0	0	78	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.645	26.550	26.580
BAROGRAPH 64	26.615	26.645	26.550	26.575
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 WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	57	0	0	0	10	5	1258					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 20

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVER'S INITIALS (15)
R	0045	CLR	20			111	71	27	00	00		998	400	JK
R	0145	CLR	20			110	73	30	00	00		998		JK
R	0255	CLR	20			112	67	29	00	00		998		JK
R	0346	CLR	20			117	66	28	00	00		999	303 65 RADAT 20143	SH
R	0445	CLR	20			121	66	29	00	00		001		SH
R	0546	CLR	20			132	67	28	24	02		004		SH
R	0646	CLR	20			136	74	28	00	00		005	217	SH
R	0746	CLR	20			134	81	38	00	00		005		SH
R	0845	CLR	20			137	85	41	16	07		006	Cu S	SH
R	0946	CLR	20			138	86	41	18	08		006	303 1100 64	SH
R	1047	CLR	20			137	90	39	18	12		006	Cu E-S	SH
R	1146	CLR	20			131	90	40	17	10	G17	005	Cu NE-S	SH
R	1246	CLR	20			125	93	43	17	10		003	Cu NE-S / 810 1100	SH
R	1347	CLR	20			121	92	38	16	12		002	Cu NE-S	SH
R	1445	CLR	20			120	92	32	19	16		001	Cu E-S	SH
R	1549	300-SCT	20			121	92	31	19	14		001	Cu E-S / 607 1204 94	MR
-	—	—	—			—	—	—	—	—		—	RADAT 16148	—
R	1647	E300 BKN	20			121	91	30	16	08		001	Cu SE	MR
R	1748	300 - BKN	20			115	89	23	17	08		999	Cu SE	MR
R	1845	300 - BKN	20			116	86	27	17	04		000	503 1002	MR
R	1948	300 - BKN	20			115	83	31	18	04		000		MR
R	2046	300 - BKN	20			125	78	30	07	03		003		MR
R	2150	300 - SCT	20			128	77	34	16	03		004	212 1001 94	MR
R	2248	300 - OVC	20			134	71	28	00	00		005		MR
R	2348	300 - BKN	20			137	70	25	29	01		006		MR

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: USMO, DESERT ROCK, NV

DATE: 1977 JUL 29

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.580	71.1	49.8	19	0															0	4	.000			00-01
01 45	26.580	72.6	51.4	20	0															0					01-02
02 55	26.580	67.4	48.7	24	0															0					02-03
03 46	26.590	65.6	47.8	24	0															0	3	.010			03-04
04 45	26.600	65.8	48.0	25	0															0					04-05
05 46	26.625	67.3	48.6	23	0															0					05-06
06 46	26.640	73.9	51.4	19	0															0	2	.050			06-07
07 46	26.640	81.2	57.1	21	0															0					07-08
08 45	26.645	84.6	59.3	22	0															0					08-09
09 46	26.650	86.4	60.1	21	0	0	Cu	80												0	3	.010			09-10
10 47	26.650	89.5	60.6	17	0															0					10-11
11 46	26.640	89.6	61.0	18	0															0					11-12
12 46	26.620	92.8	62.9	18	0	0	Cu	90												0	8	.030			12-13
13 47	26.610	92.4	61.0	15	0															0					13-14
14 45	26.600	91.7	59.3	12	0															0					14-15
15 49	26.600	92.2	59.1	11	8	0	Cu	90	2	Ci	300	2								1	6	.020			15-16
16 47	26.600	90.8	58.3	11	8															5					16-17
17 48	26.585	89.2	56.3	9	9															4					17-18
18 45	26.590	85.6	55.8	12	9	9	Ci	300												4	5	.010			18-19
19 48	26.595	83.4	55.8	15	8															3					19-20
20 46	26.620	78.3	53.7	17	8															3					20-21
21 50	26.625	77.2	54.2	21	5	5	Ci	300												2	2	.035			21-22
22 48	26.640	71.3	50.3	20	10															5					22-23
23 48	26.645	70.0	49.0	19	9															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		79	65										
	0344	1	0	0	0	79	65		0								
	0944	2	0	0	0	87	64		0								
	1544	3	0	0	0	94	86		0								
	2144	4	0	0	0	92	77		0								
	MID.		0	0	0	77	69										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26590	26650	26.600	26.625
BAROGRAPH 64	26585	26650	26.600	26.615
BAR. CORR. 65	±005	±0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	64	0	0	0	17	SE	1137					2			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-70)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 21

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
R	0046	300 SCT	20			137	68	22	35	02		006	107 1001	MR
R	0145	300 SCT	20			140	69	21	02	01		007		MR
R	0253	CLR	20			141	72	25	10	02		008	FEW CI	MR
R	0346	CLR	20			139	76	29	18	10		008	105 1001 LL RADAT 20150	SH
R	0445	CLR	20			139	77	31	18	11		008		SH
R	0547	250 SCT	20			144	76	31	19	08		008		SH
R	0646	180 SCT 250 SCT	20			144	79	34	20	12		008	103 1031	SH
R	0745	250 SCT	20			146	81	37	21	10		009	CU SE	SH
R	0846	250 SCT	20			149	84	38	19	12		010	CU SE	SH
R	0946	160 SCT 250 SCT	20			146	86	40	19	12		009	002 1141 LL	SH
R	1045	250 SCT	20			142	89	42	18	14		008	FEW CU AC PK WND	SH
—	—		—			—						—	1828/31	—
R	1146	90 SCT 160 SCT 250 SCT	20			136	92	43	18	06	G12	006	PK WND 2027/21	SH
R	1246	E250 BKN	20			127	93	45	18	14	G29	003	PK WND 2129/38 / 719	SH
—	—		—			—						—	1102	—
R	1347	E250 BKN	20			121	90	40	19	16	G28	001	CU N-SE PK WND 1931/07	SH
R	1446	E250 BKN	20			112	90	38	20	16		998	CU E-SE PK WND 1928/35	SH
R	1549	E230 BKN	20			108	90	39	18	17	G21	998	CU SE PK WND 2027/07	MR
—	—	—	—			—	—	—	—			—	615 1202 94 RADAT 35143	—
R	1646	E230 BKN	20			094	88	39	19	13		994	CU SC	MR
R	1748	170 SCT E230 BKN	20			091	86	39	18	13		993	CB DSNT SE	MR
R	1845	170 SCT 230 - BKN	20			093	84	35	19	06		994	CB DSNT SE 514 1971	MR
R	1946	230 - OVC	20			097	82	29	18	06		995		MR
R	2045	250 - OVC	20			096	81	27	18	10		995		MR
R	2146	E170 BKN 250 OVC	20			095	80	19	18	11		995	103 1051 94	MR
R	2245	170 SCT E250 BKN	20			102	75	20	17	05		997		MR
R	2345	250 - OVC	20			096	75	23	18	07		995		MR

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], DESERT ROCK, NV
DATE: [illegible] AUG 21
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.645	68.0	47.2	17	1	1	Ci	300												1	1	.020			00-01
01 45	26.655	69.0	47.6	16	1															1					01-02
02 53	26.660	71.9	49.7	17	0															0					02-03
03 46	26.660	76.4	52.6	17	0	0	Ci	300												0	1	.015			03-04
04 45	26.660	76.6	53.2	19	0															0					04-05
05 47	26.670	76.3	53.0	19	1															1					05-06
06 46	26.670	79.0	55.0	19	2	1	Ac	180	1	Ci	250	2								2	1	.010			06-07
07 45	26.675	81.2	56.7	20	2															2					07-08
08 46	26.680	84.2	58.3	19	2															2					08-09
09 46	26.675	86.0	59.5	20	2	0	Cu	90	1	Ac	160	1	1	Ci	250	2				2	0	.005			09-10
10 45	26.660	89.4	61.3	19	1															1					10-11
11 46	26.645	91.6	62.4	18	3															3					11-12
12 46	26.620	92.6	63.6	20	6	0	Cu	90	6	Ci	E250	6								4	7	.055			12-13
13 47	26.600	89.5	60.7	17	8															8					13-14
14 46	26.580	89.6	60.3	17	7															7					14-15
15 49	26.575	90.0	60.5	17	9	0	Cu	90	9	Ci	E230	9								7	6	.045			15-16
16 46	26.540	88.1	60.0	18	9															7					16-17
17 48	26.530	86.4	59.4	19	9															7					17-18
18 45	26.535	83.7	57.0	17	8	0	~~Cb~~	90	1	Ac	170	1	7	Ci	230	8				3	5	.040			18-19
19 46	26.515	82.2	54.9	13	10															3					19-20
20 45	26.545	80.8	53.8	14	10															3					20-21
21 46	26.545	79.5	51.6	10	10	6	Ac	E170	4	Ci	250	10								7	1	.010			21-22
22 45	26.560	75.3	50.0	12	9															5					22-23
23 45	26.545	74.8	50.5	14	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		77	66										
	0343	1	0	0	0	77	66		0								
	0944	2	0	0	0	87	75		0								
	1543	3	0	0	0	94	84		0								
	2143	4	0	0	0	91	79		0								
	MID.		0	0	0	80	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.675	26.575	26.545
BAROGRAPH 64	26.640	26.675	26.570	26.535
BAR. CORR. 65	+.020	* 0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
94	66	0	0	0	31	S	1307					5			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

* BAROGRAPH CHANGED AND RESET TO ±.0 COR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 22

TO CONVERT LST TO GMT ADD 8 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)	OR. SERVER'S INITIALS (15)
R	0046	250 - OVC	20			088	74	11	16	09		993	807 1001	MR
R	0145	250 - OVC	20			077	77	11	13	18	G26	989	PK WND 1326/43	MR
R	0249	250 - SCT	20			080	73	12	28	05		990		MR
R	0346	250 - SCT	20			085	72	17	32	03		991	505 1001 90 RADAT 20149	SH
R	0445	250 - SCT	20			089	73	17	15	02		992		SH
R	0546	250 - SCT	20			100	68	21	29	08		994	AC SE	SH
R	0645	CLR	20			099	76	22	18	10		995	FEW AC CI / 112 1071	SH
R	0745	CLR	20			098	79	21	18	10		995	CI SE	SH
R	0845	CLR	20			104	81	23	18	12	G22	996		SH
R	0946	CLR	20			102	83	22	20	16	G24	996	105 68	SH
R	1047	CLR	20			101	85	20	18	16	G27	995	PK WND 1927/41	SH
R	1145	CLR	20			093	86	23	19	17	G30	993	PK WND 1830/42	SH
R	1245	CLR	20			084	89	18	18	16	G24	991	PK WND 1828/21/817	SH
R	1346	CLR	20			079	90	16	20	17	G26	990	PK WND 1931/2054	SH
R	1447	CLR	20			073	89	22	19	16	G31	987	CI W PK WND 2031/42	SH
R	1549	CLR	20			072	89	19	17	17	G25	987	PK WND 1825/43 612	MR
—	—	—	—			—	—	—	—	—	—	—	1001 90 RADAT 17148	—
R	1648	250 SCT	20			069	88	12	17	17	G25	987	PK WND 1730/10	MR
R	1747	250 - OVC	20			075	85	12	17	16	G22	987		MR
R	1845	E250 OVC	20			072	82	10	18	13	G18	987	802 1007	MR
R	1945	E250 OVC	20			074	81	14	18	11		988		MR
R	2047	E250 OVC	20			073	80	16	17	13	G19	988		MR
R	2147	E250 OVC	20			074	78	20	18	11	G17	988	103 1007 90	MR
R	2245	250 - OVC	20			072	77	12	18	04		987		MR
R	2345	250 - OVC	20			080	73	21	18	04		989		MR

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NV
DATE: 1978 AUG 22
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.525	74.3	48.1	9	10	10	Ci	250												3	8	.020			00-01
01 45	26.495	76.7	49.2	9	10															2					01-02
02 49	26.500	72.2	47.7	10	2															1					02-03
03 46	26.510	77.5	48.0	12	2	2	Ci	250												1	5	.015			03-04
04 45	26.520	73.0	48.6	12	4															2					04-05
05 46	26.540	68.0	47.0	16	3															1					05-06
06 45	26.545	76.0	50.8	13	0	0	Ac	160	0	Ci	250	0								0	1	.035			06-07
07 45	26.545	79.8	51.7	11	0															0					07-08
08 45	26.560	81.4	53.2	12	0															0					08-09
09 46	26.560	83.0	53.7	11	0															0	1	.015			09-10
10 47	26.550	85.0	54.0	9	0															0					10-11
11 45	26.530	86.2	55.1	10	0															0					11-12
12 45	26.510	89.0	55.2	7	0															0	8	.050			12-13
13 46	26.500	89.6	55.1	6	0															0					13-14
14 47	26.480	88.8	55.8	9	0															0					14-15
15 49	26.475	88.5	55.3	8	0	0	Ci	250												0	6	.035			15-16
16 48	26.470	88.0	53.9	6	1															1					16-17
17 47	26.475	84.6	52.6	7	10															5					17-18
18 45	26.470	82.2	51.4	7	10	10	Cs	E250												6	8	.005			18-19
19 45	26.480	81.1	51.4	8	10															7					19-20
20 47	26.480	79.8	51.3	9	10															10					20-21
21 47	26.480	78.1	51.3	11	10	10	Cs	E250												9	1	.010			21-22
22 45	26.475	77.1	49.4	8	10															5					22-23
23 45	26.495	73.4	49.5	14	10															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		77	70										
	0343	1	0	0	0	80	70		0								
	0943	2	0	0	0	84	68		0								
	1543	3	0	0	0	90	82		0								
	2143	4	0	0	0	89	78		0								
	MID.		0	0	0	78	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.560	26.475	26.480
BAROGRAPH 64	26.495	26.550	26.470	26.460
BAR. CORR. 65	+.015	+.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 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
90	68	0	0	0	31	S	1442*					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 1-MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

* LAST OF SEVERAL OCCURANCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 23

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
R	0018	180 SCT E250 OVC	20			073	73	19	18	09		988	000 1057	MR
R	0145	250-SCT	20			076	69	21	33	03		988		MR
R	0249	CLR	20			08[illegible]	[illegible]	3	35	04		988		MR
R	0349	CLR	20			0[illegible]	[illegible]	7	04	02		990	307 1001 62 RADAT 20143	WRC
R	0449	CLR	20			094	60	15	36	05		992		WRC
R	0549	CLR	20			104	62	16	01	05		994		WRC
R	0649	CLR	20			109	69	22	35	02		997	220	WRC
R	0749	CLR	20			110	72	21	29	06		997		WRC
R	0849	CLR	20			111	76	22	25	09		998		WRC
R	0949	CLR	20			114	80	15	18	12 G 22		999	207 59	WRC
R	1049	CLR	20			111	83	7	19	16 G 24		998		WRC
R	1149	CLR	20			105	85	3	19	16 G 26		996	PK WND 1926/42	WRC
R	1248	CLR	20			~~095~~ 105	86	3	20	13 G 24		996	607	JPB
R	1348	CLR	20			105	87	6	19	14 G 23		996	PK WND 2029/08	JPB
R	1448	CLR	20			101	87	9	18	12 G 19		994		JPB
R	1549	CLR	20			095	87	5	18	10 G 19		993	710 88 RADAT 20137	JPB
R	1649	CLR	20			100	86	8	19	13		993		JPB
R	1749	CLR	20			093	84	3	18	10 G 18		991		DS
R	1848	CLR	20			095	80	7	16	07		992	503	DS
R	1948	CLR	20			103	77	10	17	04		994		DS
R	2051	CLR	20			109	75	11	0000			996		DS
R	2145	CLR	20			111	69	9	0000			996	114 88	DS
R	2248	CLR	20			109	70	11	0000			997		DS
R	2348	CLR	20			114	65	22	0000			998		DS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Niii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1979 AUG 23
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.480	72.7	48.8	13	10	3	Ac	180	7	CS	2250	10								6	0	.000			00-01
01 45	26.480	67.9	46.9	16	1															0					01-02
02 49	26.485	63.3	45.3	21	0															0					02-03
03 49	26.500	68.1	46.4	14	0	0	Ci	300												0	3	.020			03-04
04 49	26.515	60.3	42.4	17	0															0					04-05
05 49	26.540	61.8	43.2	17	0															0					05-06
06 49	26.560	68.7	47.7	17	0															0	2	.060			06-07
07 49	26.565	72.1	48.4	14	0															0					07-08
08 49	26.570	76.4	51.0	13	0															0					08-09
09 49	26.560	79.5	50.9	9	0															0	2	.020			09-10
10 49	26.575	83.3	51.4	5	0															0					10-11
11 49	26.560	85.0	51.7	4	0															0					11-12
12 48	26.560	85.7	52.0	4	0															0	6	.020			12-13
13 48	26.555	87.2	52.9	5	0															0					13-14
14 48	26.540	87.4	53.1	5	0															0					14-15
15 49	26.530	86.8	52.6	6	0															0	9	.030			15-16
16 49	26.530	85.7	52.6	5	0															0					16-17
17 47	26.510	83.8	51.2	4	0															0					17-18
18 48	26.520	80.0	50.1	6	0															0	5	.010			18-19
19 48	26.540	76.8	49.0	8	0															0					19-20
20 51	26.560	75.0	48.4	8	0															0					20-21
21 45	26.560	68.7	45.2	9	0															0	1	.040			21-22
22 46	26.565	70.0	46.1	10	0															0					22-23
23 48	26.570	65.3	46.0	19	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	RATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	75	62	X	X						X		
	0346	1	0	0	0	78	62		0								
	0946	2	0	0	0	80	59		0								
	1545	3	0	0	0	88	79		0								
	2143	4	0	0	0	87	69		0								
	MID.	X	0	0	0	70	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1545	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.580	26.530	26.560
BAROGRAPH 64	26.490	26.565	26.520	26.540
BAR. CORR. 65	+.010	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
88	59	0	0	0	27	S	1308					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 24

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SUPERVISOR INITIALS (15)
R	0051	CLR	20			118	63	22	00	00		998	103	DS
R	0146	CLR	20			117	63	17	00	00		999		DS
R	0250	CLR	20			115	64	15	04	02		999		DS
R	0350	CLR	20			121	63	12	00	00		000	207 60 RADAT 23147	WRC
R	0450	CLR	20			124	61	12	36	05		000		WRC
R	0550	CLR	20			132	61	12	01	04		002		WRC
R	0650	CLR	20			139	69	17	29	03		005	317	WRC
R	0750	CLR	20			140	72	20	00	00		005		WRC
R	0850	CLR	20			136	80	7	19	07		005		WRC
R	0950	CLR	20			139	82	8	20	12	G20	005	400 · 54	WRC
R	1050	CLR	20			136	84	11	21	12	G16	005		WRC
R	1150	CLR	20			134	86	3	23	14	G21	004		WRC
R	1250	CLR	20			131	87	1	19	16	G24	003	PK wind 2026/21 4607	WRC
R	1350	CLR	20			120	90	-2	21	12	G22	000	PK wind 2127/33	WRC
R	1450	CLR	20			115	89	2	19	11	G19	999		WRC
R	1550	CLR	20			116	87	5	19	12	G16	999	614 91	WRC
R	1645	CLR	20			115	87	4	20	08	G19	998	RADAT 20144	DS
R	1745	CLR	20			116	84	9	21	11		998		DS
R	1845	CLR	20			114	80	13	21	12		998	603	DS
R	1950	CLR	20			117	78	13	22	06		999		DS
R	2050	CLR	20			119	76	13	04	04		000		DS
R	2148	CLR	20			121	70	13	06	03		000	307 91	DS
R	2247	CLR	20			119	68	15	05	06		000		DS
R	2350	CLR	20			121	68	12	06	03		001		DS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WARM DESERT ROCK, NV
DATE: 1978 AUG 24
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.570	63.3	45.0	20	0															0	1	010			00-01
01 46	26.580	62.9	43.9	19	0															0					01-02
02 50	26.580	64.0	44.0	15	0															0					02-03
03 50	26.590	63.3	43.1	13	0															0	2	.020			03-04
04 50	26.595	60.4	42.0	14	0															0					04-05
05 50	26.615	61.0	42.3	15	0															0					05-06
06 50	26.640	69.2	46.9	14	0															0	3	.050			06-07
07 50	26.640	72.2	48.6	14	0															0					07-08
08 50	26.640	79.6	49.9	6	0															0					08-09
09 50	26.640	81.9	51.0	6	0															0	4	000			09-10
10 50	26.640	83.5	52.0	6	0															0					10-11
11 50	26.630	86.1	52.2	4	0															0					11-12
12 50	26.620	87.0	52.3	4	0															0	4	020			12-13
13 50	26.595	89.7	53.2	3	0															0					13-14
14 50	26.580	89.2	53.3	4	0															0					14-15
15 50	26.580	87.3	52.9	4	0															0	6	.040			15-16
16 45	26.570	86.7	52.5	4	0															0					16-17
17 45	26.570	84.4	52.1	6	0															0					17-18
18 45	26.570	80.1	50.9	8	0															0	6	010			18-19
19 52	26.580	78.2	50.0	8	0															0					19-20
20 50	26.590	75.7	49.1	9	0															0					20-21
21 48	26.590	70.3	46.7	11	0															0	3	020			21-22
22 47	26.590	68.0	45.8	13	0															0					22-23
23 50	26.600	67.7	45.2	11	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	65	60	X	X						X		
	0347	1	0	0	0	70	60		0								
	0947	2	0	0	0	82	56		0								
	1547	3	0	0	0	91	61		0								
	2147	4	0	0	0	88	70		0								
	MID.	X	0	0	0	70	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.640	26.580	26.590
BAROGRAPH 64	26.575	26.640	26.575	26.575
BAR. CORR. 65	+.015	±0	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	58	0	0	0	27	SW	1335					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 1-MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 25

TO CONVERT LST TO GMT ADD 8 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)	OPS. INITIALS (15)
R	0045	CLR	20			126	66	4	06	05		001	103	DS
R	0145	CLR	20			121	60	11	09	02		000		DS
R	0250	CLR	20			119	63	12	05	08		000	6	DS
R	0348	CLR	20			121	63	15	04	06		000	803 60 RADAT 20144	DS
R	0450	CLR	20			132	59	12	00	00		003		WRC
R	0550	CLR	20			143	58	8	09	03		005		WRC
R	0650	CLR	20			146	64	11	00	00		007	2202	WRC
R	0750	CLR	20			150	70	13	22	02		006		WRC
R	0850	CLR	20			145	78	17	30	02		006		WRC
R	0950	CLR	20			146	80	15	27	05		006	102 56	WRC
R	1050	CLR	20			138	83	15	18	06		005		WRC
R	1150	CLR	20			130	86	17	25	06		004		WRC
R	1250	CLR	20			128	86	17	25	10		002	717	WRC
R	1350	CLR	20			122	87	19	26	04		000		WRC
R	1450	CLR	20			112	89	17	27	06	G16	998		WRC
R	1549	CLR	20			107	90	20	22	09		997	717 90 RADAT 20144	DS
R	1649	CLR	20			110	89	17	20	13		997		DS
R	1748	CLR	20			113	85	16	25	12		997		DS
R	1850	CLR	20			111	81	19	22	10		997	500	DS
R	1950	CLR	20			113	78	19	24	05		997		DS
R	2046	CLR	20			110	77	21	27	10		998		DS
R	2148	CLR	20			110	76	20	24	02		998	103 90	DS
R	2245	CLR	20			112	69	19	05	06		998		DS
R	2347	CLR	20			111	68	15	12	03		998		DS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_rs$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WORK DESERT ROCK, NV
DATE: 1978 AUG 23
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.600	65.5	43.0	9	0															0	1	010			00-01
01 45	26.590	60.0	41.4	14	0															0					01-02
02 50	26.590	63.3	43.1	13	0															0					02-03
03 48	26.590	63.0	43.5	15	0															0	6	010			03-04
04 50	26615	59.0	41.0	15	0															0					04-05
05 50	26640	58.3	40.1	13	0															0					05-06
06 50	26655	63.7	43.3	12	0															0	2	.065			06-07
07 50	26660	70.2	46.5	11	0															0					07-08
08 50	26660	78.2	50.6	10	0															0					08-09
09 50	26660	80.3	51.3	8	0															0	1	.005			09-10
10 50	26640	82.5	52.4	8	0															0					10-11
11 50	26.625	86.1	53.9	8	0															0					11-12
12 50	26610	86.3	54.1	8	0															0	7	.050			12-13
13 50	26590	87.2	54.8	8	0															0					13-14
14 50	26570	89.0	55.1	7	0															0					14-15
15 49	26.560	90.0	56.0	8	0															0	7	050			15-16
16 47	26.560	89.0	55.3	7	0															0					16-17
17 48	26.560	85.3	53.5	8	0															0					17-18
18 50	26.560	81.4	52.3	10	0															0	5	000			18-19
19 50	26.565	78.4	51.1	11	0															0					19-20
20 48	26.570	77.4	51.2	12	0															0					20-21
21 48	26.570	76.2	50.4	12	0															0	1	.010			21-22
22 45	26.570	69.0	47.1	15	0															0					22-23
23 47	26.570	68.2	46.0	13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	68	60	X	X						X		
	0347	1	0	0	0	70	60		0								
	0947	2	0	0	0	81	56		0								
	1547	3	0	0	0	90	80		0								
	2145	4	0	0	0	90	75		0								
	MID.	X	0	0	0	76	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26540	26660	26560	26570
BAROGRAPH 64	26585	26660	26555	26560
BAR. CORR. 65	+.005	±.0*	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	56	0	0	0	19	W	1427					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:

*Barograph changed 1000 PST RESET TO ±.0 COR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 26

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0048	CLR	20			107	66	15	05	02		997	803	DS
R	0145	CLR	20			114	63	17	0000			998		DS
R	0250	CLR	20			111	64	17	09	02		998		DS
R	0350	CLR	20			117	60	13	09	02		999	307 56 RADAT 20144	WR
R	0450	250 - SCT	20			119	58	14	00	00		999		WRC
R	0550	250 - SCT	20			126	59	17	00	00		001		WRC
R	0650	CLR	20			127	65	17	00	00		001	107 1001	WRC
R	0750	CLR	20			125	70	17	24	02		001	FEW CI E S	WRC
R	0850	CLR	20			122	77	22	20	03		001		WRC
R	0950	CLR	20			125	80	25	20	08		002	303 1001 56	WRC
R	1050	CLR	20			124	81	27	21	06		001		WRC
R	1150	CLR	20			119	84	23	21	11		000		WRC
R	1250	CLR	20			116	86	23	25	08		999	710 1001	WRC
R	1350	CLR	20			110	86	24	20	08		997		WRC
R	1450	CLR	20			101	89	19	24	08G16		994	FEW CI N DADS	WRC
R	1549	CLR	20			099	90	14	26	06G17		993	Few CI / 717 100291 RADAT 20146	DS
R	1648	CLR	20			099	89	19	21	10		993	Few CI	DS
R	1748	CLR	20			098	86	23	26	10		993		DS
R	1848	CLR	20			103	81	19	26	04		994	302	DS
R	1948	CLR	20			108	75	20	06	03		996		DS
R	2049	CLR	20			108	72	23	02	02		997		DS
R	2149	CLR	20			109	71	25	07	03		997	108 91	DS
R	2248	CLR	20			110	69	23	09	02		997		DS
R	2348	CLR	20			111	65	23	0000			997		DS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 26

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.560	66.3	45.1	14	0															0	8	010			00-01
01 45	26.570	62.7	43.7	17	0															0					01-02
02 50	26.570	63.7	44.3	16	0															0					02-03
03 50	26.580	59.5	41.6	17	0															0	3	.020			03-04
04 50	26.580	58.0	40.9	17	2															0					04-05
05 50	26.600	58.7	41.8	19	4															2					05-06
06 50	26.600	61.8	44.9	16	0	C1	250													0	1	.020			06-07
07 50	26.600	69.6	46.9	13	0															0					07-08
08 50	26.600	76.9	51.2	13	0															0					08-09
09 50	26.610	79.7	52.9	13	0	0	C1	250												0	3	.010			09-10
10 50	26.600	81.2	54.0	14	0															0					10-11
11 50	26.590	84.3	54.3	11	0															0					11-12
12 50	26.580	86.0	55.1	10	0	0	C1	250												0	7	.030			12-13
13 50	26.560	87.5	55.6	10	0															0					13-14
14 50	26.540	86.6	55.2	9	0															0					14-15
15 49	26.530	89.8	55.0	6	0	0	C1	250												0	7	.050			15-16
16 48	26.525	89.0	55.4	8	0															0					16-17
17 48	26.525	86.3	55.1	10	0															0					17-18
18 48	26.535	81.0	52.3	10	0															0	3	.005			18-19
19 48	26.550	75.2	50.0	12	0															0					19-20
20 49	26.555	72.0	49.2	16	0															0					20-21
21 47	26.560	71.0	49.2	17	0															0	1	.025			21-22
22 46	26.560	68.7	47.9	18	0															0					22-23
23 48	26.565	65.3	46.3	20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		68	55										
	0347	1	0	0	0	76	55		0								
	0947	2	0	0	0	90	56		0								
	1548	3	0	0	0	91	80		0								
	2147	4	0	0	0	90	69		0								
	MID.		0	0	0	71	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.610	26.530	26.560
BAROGRAPH 64	26.560	26.610	26.530	26.540
BAR. CORR. 65	+.020	±0	±0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	56	0	0	0	18	SW	1428					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 MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 27

TO CONVERT LST TO GMT ADD 8 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)	RECORD OBSERVER'S INITIALS (15)
R	0049	CLR	20			113	64	23	09	02		998	103	DS
R	0148	CLR	20			112	63	21	26	01		998		DS
R	0249	CLR	20			111	65	22	09	03		998		DS
R	0350	CLR	20			114	62	20	09	02		998	302 61 RADAT 29139	RK
R	0453	CLR	20			121	61	21	00	00		000		RK
R	0545	CLR	20			130	60	23	00	00		002		RK
R	0648	CLR	20			134	66	22	00	00		003	115	RK
R	0745	CLR	20			135	74	23	00	00		004		RK
R	0845	CLR	20			132	81	26	03	10		004		RK
R	0946	CLR	20			130	86	25	34	05		004	102 58	RK
R	1046	CLR	20			125	89	23	32	06		002		RK
R	1145	CLR	20			120	91	22	36	03		000		RK
R	1246	CLR	20			115	94	23	22	06		999	814	RK
R	1345	CLR	20			112	93	23	25	05		998		RK
R	1445	CLR	20			107	94	23	23	04		997		RK
R	1549	CLR	20			102	93	22	24	08		996	712 95 RADAT 21140	LEF
R	1648	CLR	20			104	93	21	24	12		996		LEF
R	1748	CLR	20			104	91	21	23	06		995		LEF
R	1849	CLR	20			108	84	20	24	03		997	303	LEF
R	1950	CLR	20			115	75	20	08	03		998		LEF
R	2048	CLR	20			114	74	24	03	04		999		LEF
R	2147	CLR	20			114	71	19	05	01		999	107 95	LEF
R	2248	CLR	20			113	71	22	09	04		999		LEF
R	2348	CLR	20			114	69	23	09	02		999		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_s $95p_sp_sp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV
DATE: 1978 AUG 27
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.570	64.2	45.8	21	0															0	1	.010			00-01
01 48	26.570	63.0	44.8	20	0															0					01-02
02 49	26.570	65.0	46.0	19	0															0					02-03
03 50	26.575	61.6	43.9	20	0															0	3	.005			03-04
04 53	26.590	61.2	43.9	21	0															0					04-05
05 45	26.610	60.0	43.9	24	0															0					05-06
06 48	26.620	66.3	46.5	18	0															0	1	.045			06-07
07 45	26.625	73.9	50.0	14	0															0					07-08
08 45	26.625	81.4	53.8	13	0															0					08-09
09 46	26.625	85.5	55.3	11	0															0	1	.005			09-10
10 46	26.610	88.5	56.0	9	0															0					10-11
11 45	26.595	91.0	56.7	8	0															0					11-12
12 46	26.585	93.8	58.0	8	0															0	8	.040			12-13
13 45	26.575	93.4	57.8	8	0															0					13-14
14 45	26.565	94.2	58.2	8	0															0					14-15
15 49	26.550	93.4	57.7	8	0															0	7	.035			15-16
16 48	26.550	92.8	57.2	7	0															0					16-17
17 48	26.545	90.7	56.5	8	0															0					17-18
18 49	26.560	84.2	53.7	9	0															0	3	.010			18-19
19 50	26.575	75.2	50.0	12	0															0					19-20
20 48	26.580	73.9	50.4	15	0															0					20-21
21 47	26.580	70.7	48.0	14	0															0	1	.020			21-22
22 48	26.580	70.8	48.5	16	0															0					22-23
23 48	26.580	69.0	48.0	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		66	61										
	0348	1	0	0	0	71	61		0								
	0944	2	0	0	0	86	58		0								
	1544	3	0	0	0	95	86		0								
	2142	4	0	0	0	93	71		0								
	MID.		0	0	0	71	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0946	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.625	26.550	26.580
BAROGRAPH 64	26.555	26.615	26.545	26.575
BAR. CORR. 65	+020	+010	+005	+005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
95	58	0	0	0	17	50	1531					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 28

TO CONVERT LST TO GMT ADD 8 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)
R	0049	CLR	20			112	67	48	08	01		999	400	LEF
R	0148	CLR	20			115	66	22	11	03		999		LEF
R	0248	CLR	20			121	64	26	00	00		001		LEF
R	0348	CLR	20			124	66	23	01	03		002	310 63 RADAT 35139	RK
R	0445	CLR	20			127	70	22	04	08		003		RK
R	0548	CLR	20			129	73	19	12	03		004		RK
R	0646	CLR	20			130	77	23	09	09		004	107	RK
R	0748	CLR	20			135	79	24	04	09	G16	005		RK
R	0845	CLR	20			129	85	25	02	07		004		RK
R	0945	CLR	20			130	90	23	04	08		004	802 63	RK
R	1045	CLR	20			126	91	24	11	02		003		RK
R	1147	CLR	20			118	94	22	23	05		001		RK
R	1245	CLR	20			113	95	22	30	02		999	814 1101	RK
R	1345	CLR	20			106	97	22	34	06		998		RK
R	1445	CLR	20			101	98	20	07	04		996		RK
R	1548	CLR	20			095	97	19	09	04		994	715 1101 99 RADAT 40140	LEF
R	1647	CLR	20			089	97	22	10	05		993		LEF
R	1747	CLR	20			088	95	21	24	12		993		LEF
R	1849	CLR	20			093	86	22	06	01		994	502	LEF
R	1950	CLR	20			100	80	12	04	02		996		LEF
R	2046	CLR	20			103	78	19	09	02		997		LEF
R	2148	CLR	20			105	75	22	09	01		997	210 99	LEF
R	2247	CLR	20			105	73	22	07	02		997		LEF
R	2347	CLR	20			106	70	22	13	01		998		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR,s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WRAO DESERT ROCK, NV

DATE: 1978 AUG 28

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.580	66.9	47.4	20	0															0	4	000			00-01
01 48	26.585	65.6	46.3	19	0															0					01-02
02 48	26.600	64.1	46.5	23	0															0					02-03
03 48	26.610	66.1	46.6	19	0															0	3	030			03-04
04 45	26.620	69.6	48.0	16	0															0					04-05
05 48	26.630	72.8	48.8	13	0															0					05-06
06 46	26.630	76.5	51.2	14	0															0	1	020			06-07
07 48	26.635	79.2	52.6	13	0															0					07-08
08 45	26.625	84.8	55.0	11	0															0					08-09
09 45	26.625	89.5	56.3	9	0															0	8	005			09-10
10 45	26.620	91.1	57.1	9	0															0					10-11
11 47	26.600	93.9	57.7	7	0															0					11-12
12 45	26.585	95.1	58.2	7	0	0	Cu	60	0	Ci	300	0								0	8	040			12-13
13 45	26.570	97.1	59.0	7	0															0					13-14
14 45	26.555	98.0	58.9	6	0															0					14-15
15 48	26.540	96.9	58.4	6	0	0	Cu	60	0	Ci	300	0								0	7	045			15-16
16 47	26.525	96.5	58.7	7	0															0					16-17
17 47	26.525	95.1	58.0	7	0															0					17-18
18 49	26.535	86.3	55.6	9	0															0	5	005			18-19
19 50	26.550	80.4	50.9	7	0															0					19-20
20 46	26.560	78.0	51.0	11	0															0					20-21
21 48	26.565	75.0	50.3	14	0															0	2	030			21-22
22 47	26.565	72.6	49.3	15	0															0					22-23
23 47	26.570	70.0	48.2	16	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 0346	X	0	0	X	69	63	X	X						X		
	0346	1	0	0	0	71	63		0								
	0943	2	0	0	0	90	64		0								
	1543	3	0	0	0	99	90		0								
	2143	4	0	0	0	97	75		0								
	MID.	X	0	0	0	75	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.625	26.540	26.565
BAROGRAPH 64	26.605	26.635	26.545	26.560
BAR. CORR. 65	+005	-010	-005	+005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	63	0	0	0	16 1/	N	1348					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:

1/ LAST OF SEVERAL OCCURENCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-79)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 29

TO CONVERT LST TO GMT ADD 8 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)	CHECKER'S INITIALS (15)
R	0046	CLR	20			106	69	28	09	02		998	102	LEF
R	0147	CLR	20			105	68	20	36	01		998		LEF
R	0245	CLR	20			105	68	23	10	02		998		LEF
R	0345	CLR	20			106	68	22	11	03		998	5020 65 RADAT 43140	RK
R	0445	CLR	20			110	66	20	09	03		999		RK
R	0545	CLR	20			117	66	20	10	04		000		RK
R	0645	CLR	20			122	72	21	29	02		002	212 1001	RK
R	0745	CLR	20			118	83	24	04	10		001		RK
R	0847	CLR	20			116	87	22	04	04		001		RK
R	0948	CLR	20			117	91	22	27	01		001	602 1001 63	RK
R	1046	CLR	20			116	94	21	29	03		001		RK
R	1147	CLR	20			109	97	24	22	04		999		RK
R	1245	CLR	20			103	98	22	27	10		997	812 1101	RK
R	1348	CLR	20			095	99	19	23	15G20		995		RK
R	1445	CLR	20			087	99	19	24	10G16		993		RK
R	1547	CLR	20			081	98	21	23	15		991	720 1100 00 RADAT 31127	LEF
R	1648	CLR	20			079	97	20	23	10G19		989		LEF
R	1748	CLR	20			080	95	19	23	09G19		989		LEF
R	1848	CLR	20			081	89	21	23	06		990	502	LEF
R	1948	CLR	20			084	85	25	14	01		992		LEF
R	2047	CLR	20			080	84	17	34	03		991		LEF
R	2148	CLR	20			080	79	19	06	02		991	003 00	LEF
R	2249	CLR	20			082	76	22	01	04		992		LEF
R	2347	CLR	20			077	80	29	04	06		991		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_rs$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WRAD, DESERT ROCK, NV

DATE: 1978 AUG 29

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0046	26.570	69.0	49.3	22	0															0	1	005			00-01
0147	26.570	68.2	47.0	16	0															0					01-02
0245	26.565	67.5	47.4	19	0															0					02-03
0345	26.570	68.0	47.4	17	0															0	5	000			03-04
0445	26.580	68.2	46.1	17	0															0					04-05
0545	26.595	66.3	46.1	17	0															0					05-06
0645	26.605	72.2	48.9	14	0	0	Ci	300												0	2	035			06-07
0745	26.600	82.9	54.0	11	0															0					07-08
0847	26.600	86.6	55.0	9	0															0					08-09
0948	26.600	91.0	56.8	8	0	0	Ci	300												0	6	005			09-10
1046	26.600	94.1	57.7	7	0															0					10-11
1147	26.580	96.9	59.2	7	0															0					11-12
1245	26.565	98.1	59.4	7	0	0	Cu	60	0	Ci	300	0								0	8	035			12-13
1348	26.545	98.7	59.1	6	0															0					13-14
1445	26.525	99.1	59.1	6	0															0					14-15
1547	26.505	97.8	59.1	6	0	0	Cu	60												0	7	060			15-16
1648	26.495	97.4	58.8	6	0															0					16-17
1748	26.495	94.9	57.7	6	0															0					17-18
1848	26.500	89.0	55.8	8	0															0	5	005			18-19
1948	26.515	85.2	55.0	11	0															0					19-20
2047	26.510	84.0	53.2	8	0															0					20-21
2148	26.510	79.0	51.4	10	0															0	0	010			21-22
2249	26.515	76.3	50.8	13	0															0					22-23
2347	26.510	80.2	54.1	15	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	76	65	X	X						X		
	0343	1	0	0	0	75	65		0								
	0945	2	0	0	0	91	63		0								
	1542	3	0	0	0	100	91		0								
	2143	4	0	0	0	98	78		0								
	MID.	X	0	0	0	83	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.505	26.510
BAROGRAPH 64	26.565	26.600	26.505	26.505
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 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
100	63	0	0	0	22	SW	1250					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:

* BAROGRAM CHANGED (RESET TO ZERO)

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 AUG 30

TO CONVERT LST TO GMT ADD 8 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)	SEQUENCE INITIALS (15)
R	0048	CLR	20			073	84	31	18	12		991	802	LEF
R	0149	CLR	20			074	80	29	03	04		990		LEF
R	0248	CLR	20			073	81	27	01	02		990		LEF
R	0346	CLR	20			078	70	29	03	02		990	602 70 RADAT 38142	RK
R	0445	CLR	20			081	72	27	36	02		991		RK
R	0545	CLR	20			087	68	28	04	02		992		RK
R	0645	CLR	20			090	76	28	30	02		993	310	RK
R	0745	CLR	20			093	82	30	28	01		994		RK
R	0845	CLR	20			090	90	28	24	05		994		RK
R	0945	CLR	20			092	93	28	19	12	G23	994	103 67	RK
R	1045	CLR	20			088	94	26	19	17	G23	993	PK WND 1826/27	RK
R	1145	CLR	20			074	96	29	18	17	G24	990	PK WND 1528/1857	RK
R	1245	CLR	20			066	96	24	21	19	G27	988	PK WND 1630/15/819	RK
R	1345	CLR	20			061	96	24	18	17	G27	986	PK WND 1830/31	RK
R	1445	CLR	20			055	95	23	18	15	G30	984	PK WND 1631/03	RK
R	1549	CLR	20			055	95	23	18	13	G28	983	PK WND 1830/10/	LEF
													715 98 RADAT 28150	
R	1649	CLR	20			052	93	28	19	16	G26	982	PK WND 1930/33	LEF
R	1746	CLR	20			050	92	28	17	12	G23	981	PK WND 1728/20	LEF
R	1848	CLR	20			051	88	28	22	16	G25	982	PK WND 1830/12/	LEF
													505	
R	1950	CLR	20			062	85	32	20	16		984		LEF
R	2047	CLR	20			062	83	32	20	10		986		LEF
R	2149	CLR	20.			065	81	32	14	07		987	217 98	LEF
R	2248	CLR	20			065	81	32	19	10	G19	987		LEF
R	2348	CLR	20			065	80	33	19	11	G20	987		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NM

DATE: 1978 AUG 30

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0048	26.505	84.2	56.3	15	0															0	8	005			00-01
0149	26.500	90.0	54.0	15	0															0					01-02
0248	26.500	81.2	54.0	14	0															0					02-03
0346	26.500	69.9	49.8	21	0															0	6	005			03-04
0445	26.510	77.7	50.2	19	0															0					04-05
0545	26.520	67.8	48.6	22	0															0					05-06
0645	26.530	75.7	52.0	17	0															0	3	030			06-07
0745	26.540	82.3	55.1	15	0															0					07-08
0845	26.540	89.6	57.4	11	0															0					08-09
0945	26.540	92.9	58.6	10	0															0	1	010			09-10
1045	26.530	94.0	58.7	9	0															0					10-11
1145	26.500	95.6	59.8	9	0															0					11-12
1245	26.485	95.7	58.9	8	0															0	8	055			12-13
1345	26.465	96.2	59.1	8	0															0					13-14
1445	26.450	95.1	58.4	7	0															0					14-15
1549	26.440	95.0	58.3	7	0															0	7	045			15-16
1649	26.430	93.2	58.8	10	0															0					16-17
1746	26.415	92.0	58.4	10	0															0					17-18
1848	26.425	87.8	56.9	12	0															0	5	015			18-19
1950	26.455	84.7	56.6	15	0															0					19-20
2047	26.465	83.2	56.2	16	0															0					20-21
2149	26.475	80.6	55.0	17	0															0	2	050			21-22
2248	26.475	81.2	55.3	17	0															0					22-23
2348	26.475	80.0	55.0	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	84	70	X	X						X		
	0344	1	0	0	0	84	70		0								
	0942	2	0	0	0	93	67		0								
	1543	3	0	0	0	98	93		0								
	2144	4	0	0	0	95	81		0								
	MID.	X	0	0	0	82	78	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	26.500	26.540	26.440	26.475
BAROGRAPH 64	26.495	26.530	26.440	26.460
BAR. CORR. 65	+005	+010	+0	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	67	0	0	0	31	5	1403					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:

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1970 AUG 31

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
R	0047	CLR	20			065	78	36	18	10		987	400	LEF
R	0147	CLR	20			060	79	34	15	14G	23	986		LEF
R	0248	CLR	20			070	77	34	16	06		988		LEF
R	0347	CLR	20			075	73	30	34	03		988	305 71 RADAT 20149	GH
R	0445	CLR	20			081	69	28	36	04		990		GH
R	0545	CLR	20			091	73	32	27	02		993		GH
R	0645	CLR	20			098	77	32	17	02		995	220	GH
R	0745	CLR	20			102	80	33	20	10		996		GH
R	0845	CLR	20			102	82	33	22	12		996		GH
R	0948	CLR	20			101	86	32	22	11		996	103 68	GH
R	1045	CLR	20			098	87	33	23	07		995		GH
R	1145	CLR	20			089	90	24	18	12		993		GH
R	1245	CLR	20			085	93	17	19	15G	24	992	714	GH
R	1345	CLR	20			076	93	18	20	18		990		GH
R	1452	CLR	20			070	94	20	20	16G	24	987	PK WND 2426/15	GH
R	1548	CLR	20			068	93	19	21	14		986	PK WND 1926/17/	LL
—	—	—	—			—	—		—	—		—	617 95 RADAT 20149	/
R	1647	CLR	20			070	91	22	23	15		986		LL
R	1747	CLR	20			067	89	24	20	09		986		LL
R	1846	CLR	20			068	85	25	15	05		986	602	LL
R	1947	CLR	20			071	80	24	10	06		986		LL
R	2045	CLR	20			074	80	25	18	04		987		LL
R	2147	CLR	20			078	77	25	11	04		988	208 95	LL
R	2246	CLR	20			084	71	24	02	03		990		LL
R	2345	CLR	20			084	71	24	09	03		991		LL

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh$ h_s $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: YUCCA, DESERT ROCK, NV
DATE: 1978 AUG 31
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.475	78.2	55.3	22	0															0	4	0.00			00-01
01 47	26.465	79.1	55.1	20	0															0					01-02
02 48	26.480	76.7	54.0	21	0															0					02-03
03 47	26.490	73.0	51.5	21	0															0	3	.015			03-04
04 45	26.500	68.7	49.1	22	0															0					04-05
05 45	26.530	73.3	52.2	22	0															0					05-06
06 45	26.550	76.8	53.5	19	0															0	2	.060			06-07
07 45	26.560	80.0	55.0	18	0															0					07-08
08 45	26.560	82.4	56.0	17	0															0					08-09
09 48	26.560	86.0	57.0	14	0															0	1	.010			09-10
10 45	26.550	86.8	57.6	14	0															0					10-11
11 45	26.530	90.2	56.8	9	0															0					11-12
12 45	26.520	93.0	56.6	6	0															0	7	.040			12-13
13 45	26.500	93.4	57.0	6	0															0					13-14
14 52	26.480	94.3	57.5	7	0															0					14-15
15 48	26.470	93.0	57.0	7	0															0	6	.050			15-16
16 47	26.465	91.4	56.9	8	0															0					16-17
17 47	26.465	89.3	56.4	9	0															0					17-18
18 46	26.465	84.5	54.8	11	0															0	6	.005			18-19
19 47	26.470	79.9	52.9	13	0															0					19-20
20 45	26.480	79.5	52.9	13	0															0					20-21
21 47	26.490	76.7	51.6	14	0															0	2	.025			21-22
22 46	26.500	71.0	49.0	17	0															0					22-23
23 45	26.505	71.2	49.2	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		80	71										
	0345	1	0	0	0	82	71		0								
	0945	2	0	0	0	86	68		0								
	1545	3	0	0	0	95	86		0								
	2145	4	0	0	0	93	77		0								
	MID.		0	0	0	77	71										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.560	26.470	26.490
BAROGRAPH 64	26.475	26.550	26.465	26.480
BAR. CORR. 65	+.015	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'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
95	68	0	0	0	26 1/	S	1517					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:

1/ LAST OF SEVERAL OCCURRENCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131