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

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: October

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 ~~(m.p.h.)~~ (Knots)	FASTEST MILE ~~(m.p.h.)~~ SPEED (Knots)	DIRECTION	SUNSHINE ~~TOTAL (Hrs. and tenths)~~	~~PERCENT OF POSSIBLE~~	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	93	58	76						5.2	18	S	26.6	18	0		23	14	9	15
2	93	66	80						7.1	17	NE	26.6	24	0		20	15	11	20
3	91	62	77						6.7	17	N	26.6	18	0		15	9	12	23
4	94	57	76						3.8	16	SW	26.5	96	0		24	10	7	18
5	93	60	77						5.0	23	SW	26.6	38	0		22	8	9	16
6	92	57	75						6.1	35	SW	26.6	55	0		26	12	12	21
7	90	58	74						5.5	23	SW	26.6	39	0		22	11	10	20
8	89	55	72						4.7	28	S	26.6	30	3		36	14	14	25
9	84	58	71						5.1	20	S	26.6	69	9		29	20	9	21
10	84	51	68						3.3	16	S	26.7	33	0		27	13	10	21
11	89	52	71						5.5	17	N	26.6	70	0		23	14	10	17
12	90	62	76						9.4	19	N	26.6	23	0		24	17	7	13
13	88	64	76						10.4	20	N	26.7	29	0		20	14	8	12
14	89	59	74						5.1	15	N	26.7	79	0		14	8	7	16
15	88	52	70						3.8	18	SW	26.6	93	9		18	10	8	19
16	84	53	69						4.8	22	S	26.5	43	9		21	15	13	24
17	83	52	68						3.0	12	S	26.5	98	10		30	17	14	18
18	83	50	67						3.8	19	SW	26.6	90	5		28	15	14	22
19	84	61	73						7.1	25	S	26.6	99	7		34	24	15	19
20	73	54	64		1	.36			5.9	17	E	26.6	36	9	R, RW	87	84	69	86
21	75	50	63		2				3.6	15	NE	26.5	05	7		92	61	35	60
22	75	56	66						11.9	28	N	26.6	75	0		34	24	13	18
23	74	52	63		2				12.1	30	N	26.7	03	0		19	13	21	36
24	74	52	63		2				6.1	18	SW	26.5	25	2		36	23	18	45
25	77	47	62		3				5.2	17	E	26.6	01	0		73	20	7	30
26	77	47	62		3				5.0	14	SE	26.7	23	0		61	22	13	32
27	78	44	61		4				3.2	14	S	26.6	94	0		45	22	14	37
28	80	43	62		3				3.5	15	W	26.6	66	0		42	20	13	30
29	78	46	62		3				4.3	20	S	26.5	26	4		40	22	12	25
30	71	45	58		7	.13			7.7	27	S	26.4	95	2	R, RW	40	30	28	82
31	57	44	51		14	.09			3.2	11	W	26.7	09	9	R	91	64	50	80
SUM	2570	1667	—	—	—	.58	0	—	177.1	—	—	825.9	02	85	—	1116	665	492	921
AVG	82.9	53.8	—	—	—	—	—	—	5.7	FASTEST	DIRECTION	~~POSSIBLE~~	—	2.7	—	36.0	21.5	15.9	28.7
									MISC. →	35	SW	26.6	42		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 68.4

DEPARTURE FROM NORMAL —

HIGHEST 94 ON 4

LOWEST 43 ON 28

NUMBER OF DAYS WITH -

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 8

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 44

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 68

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .58 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HOURS~~ Daily .36 ON 20

SNOWFALL, SLEET

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~IN 24 HOURS~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

BAROMETRIC PRESSURE
(Climatological station elevation)

(H_{pc}) 3310 FT., M.S.L.

MONTHLY AVERAGE STATION 26.642 IN.

HIGHEST ~~SEA LEVEL~~ 26.840 IN. ON 14

LOWEST ~~SEA LEVEL~~ Station 26.425 IN. ON 30

WEATHER

NUMBER OF DAYS -

CLEAR (Scale 0-3) 21

PARTLY CLOUDY (Scale 4-7) 4

CLOUDY (Scale 8-10) 6

WITH 0.01 INCH OR MORE PRECIP. 3

WITH 0.10 INCH OR MORE PRECIP. 2

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

F = FOG
F+ = FOG WITH VISIBILITY 1/4 MILE OR LESS
T = THUNDER
S = SLEET
A = HAIL
ZR = GLAZE OR RIME
D = DUSTSTORM
K = SMOKE OR HAZE
BS = BLOWING SNOW

R = RAIN
RW = RAINSHOWER

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 OCT 01

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)	RECORDER INITIALS (15)
R	0045	CLR	20			142	65	25	09	02		007	203	SH
R	0145	CLR	20			137	66	26	09	02		006		SH
R	0252	CLR	20			139	63	27	10	02		006		SH
R	0347	CLR	20			140	62	24	10	05		006	603 60 RADAT 21145	[illegible]
R	0447	CLR	20			145	60	26	05	02		007		[illegible]
R	0548	CLR	20			153	60	25	12	04		008	FEW CI NW-N	[illegible]
R	0647	CLR	20			159	65	27	12	02		009	210 1001	[illegible]
R	0747	CLR	20			158	71	26	12	02		010		[illegible]
R	0849	CLR	20			156	78	28	14	02		010		[illegible]
R	0948	CLR	20			148	83	28	19	05		008	803 1001 58	[illegible]
R	1046	CLR	20			145	87	29	22	04		007		[illegible]
R	1147	CLR	20			136	88	29	22	07		005		[illegible]
R	1245	CLR	20			128	90	26	22	10		003	817	[illegible]
R	1345	CLR	20			120	91	26	24	11		000		[illegible]
R	1450	CLR	20			114	92	25	22	12		998		[illegible]
R	1546	CLR	20			111	92	26	23	08		998	615 93 RADAT 20144	008
R	1648	CLR	20			110	90	26	23	07		997		008
R	1746	250 SCT	20			117	82	28	23	05		998		008
R	1845	250 SCT	20			119	75	28	04	02		998	500 1002	008
R	1945	250 SCT	20			120	73	25	36	06		999		008
R	2046	250 SCT	20			120	73	23	01	08		000		008
R	2150	250 SCT	20			118	72	23	02	07		000	107 1002 93	008
R	2244	250 - BKN	20			116	73	24	01	07		000		008
R	2346	250 - BKN	20			120	71	24	22	02		001		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_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: WSMO, DESERT ROCK, NV

DATE: 1978 OCT 01

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.655	65.0	46.7	22	0															0	2	.010			00-01
01 45	26.645	66.0	47.3	22	0															0					01-02
02 52	26.645	62.5	46.0	25	0															0					02-03
03 47	26.645	62.0	44.9	23	0															0	6	.010			03-04
04 47	26.655	59.5	44.5	28	0															0					04-05
05 48	26.665	59.8	44.3	26	0															0					05-06
06 47	26.675	65.1	47.2	23	0	0	Ci	250												0	2	.030			06-07
07 47	26.680	71.3	49.8	19	0															0					07-08
08 49	26.680	78.3	53.1	16	0															0					08-09
09 48	26.665	82.8	55.0	14	0	0	Ci	250												0	8	.010			09-10
10 46	26.660	86.7	56.7	13	0															0					10-11
11 47	26.640	88.3	57.3	12	0															0					11-12
12 45	26.615	90.0	57.1	10	0															0	8	.050			12-13
13 45	26.595	91.1	57.5	9	0															0					13-14
14 50	26.580	91.6	57.5	9	0															0					14-15
15 46	26.570	92.0	58.0	9	0															0	6	.045			15-16
16 48	26.560	89.7	57.0	10	0															0					16-17
17 46	26.570	82.3	54.6	14	1															1					17-18
18 45	26.570	74.6	51.6	18	1	1	ci	250												1	5	.000			18-19
19 45	26.580	73.0	50.1	16	1															1					19-20
20 46	26.590	72.9	49.7	15	1															1					20-21
21 50	26.590	72.4	49.4	15	1	1	ci	250												1	1	.020			21-22
22 47	26.590	73.4	50.2	16	6															2					22-23
23 46	26.600	70.8	49.0	17	6															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	70	60	X	X						X		
	0345	1	0	0	0	71	60	0									
	0945	2	0	0	0	85	58	0									
	1544	3	0	0	0	93	83	0									
	2148	4	0	0	0	92	72	0									
	MID.	X	0	0	0	73	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1544	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.665	26.570	26.570
BAROGRAPH 64	26.635	26.665	26.565	26.570
BAR. CORR. 65	+.010	± 0	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
93	58	0	0	0	18	5	1229					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 WND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

*BAROGRAM CHANGED 0950 PST - 55T 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 OCT 02

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)	SUBSEQUENT INITIALS (15)
R	0045	250 SCT	20			119	72	25	03	09		001	103 1002	008
R	0146	250 SCT	20			119	71	31	02	08		001		008
R	0247	250 SCT	20			118	72	32	03	15		001		008
R	0349	250 SCT	20			119	69	27	21	04		001	400 1002 68 RADAT //139	LL
R	0448	CLR	20			128	70	29	04	10		003		LL
R	0546	CLR	20			130	72	30	02	13		003		LL
R	0647	CLR	20			142	73	30	03	13		005	214 1001	LL
R	0744	CLR	20			148	76	30	03	12		007		LL
R	0847	CLR	20			149	78	30	01	12		008		LL
R	0949	CLR	20			148	81	29	01	12		008	108 1001 66	LL
R	1046	CLR	20			144	86	29	36	10		007		LL
R	1145	CLR	20			139	87	30	35	04		006		LL
R	1247	CLR	20			129	89	29	20	03		004	814 1001	LL
R	1346	CLR	20			128	89	29	32	03		003		LL
R	1450	CLR	20			118	91	28	20	06		001		LL
R	1546	CLR	20			116	91	30	20	03		000	712 93 RADAT 47139	008
R	1645	CLR	20			115	90	29	29	02		000		008
R	1747	CLR	20			119	82	28	31	03		000		008
R	1848	CLR	20			127	78	28	10	05		002	307	008
R	1944	CLR	20			131	77	28	03	02		003		008
R	2045	CLR	20			131	76	29	04	05		003		008
R	2146	CLR	20			137	71	27	05	05		005	210 93	008
R	2247	CLR	20			137	71	29	15	05		005		008
R	2347	CLR	20			140	71	28	03	07		007		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 $6P_oP_oP_oP_o$ 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 OCT 02

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	26.600	71.8	49.6	17	2	2	Ci	250												2	1	.010			00-01
01 46	26.600	70.6	50.8	23	1															1	1				01-02
02 47	26.600	72.3	51.8	23	1															1	1				02-03
03 49	26.600	69.0	48.9	20	1	1	Ci	250												1	4	.000			03-04
04 48	26.620	70.2	50.0	21	0															0					04-05
05 46	26.620	71.6	50.9	21	0															0					05-06
06 41	26.640	72.8	51.3	20	0	0	Ci	250												0	2	.040			06-07
07 49	26.660	75.5	52.6	19	0															0					07-08
08 47	26.665	77.7	53.3	17	0															0					08-09
09 49	26.665	81.4	54.7	15	0	0	Ci	250												0	1	.025			09-10
10 46	26.660	85.7	56.3	13	0															0					10-11
11 45	26.645	87.3	57.0	13	0															0					11-12
12 47	26.625	88.6	57.3	12	0	0	Ci	250												0	8	.040			12-13
13 46	26.620	89.4	57.6	11	0															0					13-14
14 50	26.600	91.3	58.0	10	0															0					14-15
15 46	26.590	91.2	58.5	11	0															0	7	.035			15-16
16 45	26.590	90.4	58.0	11	0															0					16-17
17 47	26.590	82.4	54.7	14	0															0					17-18
18 48	26.610	78.2	53.1	16	0															0	3	.020			18-19
19 44	26.620	76.5	52.5	17	0															0					19-20
20 45	26.620	75.6	52.2	18	0															0					20-21
21 46	26.640	71.2	50.0	20	0															0	2	.030			21-22
22 47	26.640	71.1	50.4	21	0															0					22-23
23 47	26.650	70.5	50.0	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 0345	X	0	0	X	73	68	X	X						X		
	0345	1	0	0	0	73	68		0								
	0945	2	0	0	0	82	66		0								
	1544	3	0	0	0	93	81		0								
	2144	4	0	0	0	92	71		0								
	MID.	X	0	0	0	74	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.665	26.580	26.640
BAROGRAPH 64	26.590	26.660	26.590	26.621
BAR. CORR. 65	+.010	+.005	±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 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
93	66	0	0	0	17	NE	0702					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: 1978 OCT 03

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)	SKYCOVERING INITIALS (15)
R	0046	CLR	20			138	72	26	05	07		007	203	008
R	0148	CLR	20			143	71	25	03	12		008		008
R	0246	CLR	20			143	69	21	03	12		008		008
R	0349	CLR	20			143	68	19	03	11		008	103 67 RADAT 45135	JJ
R	0449	CLR	20			148	67	16	02	12		008		JJ
R	0547	CLR	20			154	66	16	03	12		009		JJ
R	0649	CLR	20			157	69	16	02	12		010	207	JJ
R	0747	CLR	20			157	71	16	01	13		010		JJ
R	0847	CLR	20			154	76	15	36	08		010		JJ
R	0949	CLR	20			152	79	15	36	04		008	803 65	JJ
R	1045	CLR	20			144	83	15	12	05		007		JJ
R	1147	CLR	20			137	86	17	11	06		005		JJ
R	1247	CLR	20			124	86	17	09	02		002	820	JJ
R	1346	CLR	20			118	90	17	28	03		000		JJ
R	1449	CLR	20			113	90	24	23	04		998		JJ
R	1544	CLR	20			110	90	30	26	08		998	614 91 RADAT 58137	008
R	1648	CLR	20			107	87	30	27	07		997		008
R	1744	CLR	20			111	83	30	25	02		997		008
R	1844	CLR	20			118	73	26	04	03		998	500	008
R	1945	CLR	20			120	75	22	06	05		999		008
R	2045	CLR	20			115	73	21	10	05		998		008
R	2144	CLR	20			117	65	26	36	02		998	000 91	008
R	2243	CLR	20			121	63	26	03	05		999		008
R	2346	CLR	20			117	64	25	32	01		999		008

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: WSMO, DESERT ROCK, NV

DATE: 1978 OCT 03

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	26.650	72.4	50.2	18	0															0	2	.010			00-01
01 48	26.660	70.5	49.1	18	0															0					01-02
02 46	26.660	69.4	47.6	15	0															0					02-03
03 49	26.660	68.0	46.6	15	0															0	1	.010			03-04
04 49	26.670	67.2	45.8	14	0															0					04-05
05 47	26.675	66.4	45.3	14	0															0					05-06
06 49	26.680	68.6	46.3	13	0															0	2	.020			06-07
07 47	26.680	71.3	47.5	12	0															0					07-08
08 47	26.680	75.6	49.3	10	0															0					08-09
09 49	26.670	78.8	50.7	9	0															0	8	.010			09-10
10 45	26.655	82.7	52.2	8	0															0					10-11
11 47	26.640	86.2	54.1	8	0															0					11-12
12 47	26.610	86.3	54.1	8	0															0	8	.060			12-13
13 46	26.595	89.9	55.4	7	0															0					13-14
14 49	26.580	90.0	56.7	9	0															0					14-15
15 44	26.570	89.6	58.0	12	0															0	6	.040			15-16
16 48	26.560	87.4	57.2	13	0															0					16-17
17 44	26.560	83.0	55.6	15	0															0					17-18
18 44	26.570	73.4	50.5	17	0															0	5	.000			18-19
19 45	26.580	74.6	50.1	14	0															0					19-20
20 45	26.570	72.8	49.2	14	0															0					20-21
21 44	26.570	64.6	46.7	23	0															0	0	.000			21-22
22 43	26.580	63.0	46.1	25	0															0					22-23
23 46	26.580	64.0	46.2	23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	74	67	X	X						X		
	0345	1	0	0	0	74	67		0								
	0945	2	0	0	0	81	65		0								
	1542	3	0	0	0	91	78		0								
	2142	4	0	0	0	90	65		0								
	MID.	X	0	0	0	65	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1542	2142
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.670	26.570	26.570
BAROGRAPH 64	26.650	26.665	26.560	26.560
BAR. CORR. 65	+.010	+.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	62	0	0	0	17	N	0555					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: 1978 OCT 04

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	0047	CLR	20			122	62	22	33	03		000	207	008
R	0148	CLR	20			121	62	22	07	02		000		008
R	0247	CLR	20			121	60	22	05	01		000		008
R	0352	CLR	20			122	59	22	00	00		000	400 59 RADAT 42132	HS
R	0448	CLR	20			127	59	22	00	00		001		HS
R	0548	CLR	20			131	60	22	00	00		002		HS
R	0651	CLR	20			141	62	24	00	00		003	210	HS
R	0746	CLR	20			138	70	23	25	04		004		HS
R	0845	CLR	20			136	77	26	13	03		004		HS
R	0946	CLR	20			138	83	20	36	10		004	103 1100 57	HS
R	1046	CLR	20			132	87	23	01	07		003		HS
R	1149	CLR	20			123	89	23	02	04		001		HS
R	1247	CLR	20			115	92	22	27	05		999	817 1100	HS
R	1346	CLR	20			110	93	19	29	04		998		HS
R	1452	CLR	20		109	~~103~~ 109	92	25	24	10		997		HS
R	1550	CLR	20			105	92	20	25	08		996	710 1100 94 RADAT 45135	HS
R	1648	CLR	20			110	89	24	23	06		996		HS
R	1749	CLR	20			116	82	29	24	03		997		HS
R	1848	CLR	20			121	75	25	03	03		998	308	HS
R	1948	CLR	20			125	72	23	06	04		000		HS
R	2048	CLR	20			125	72	24	02	05		001		HS
R	2153	CLR	20			128	71	26	09	03		003	114 94	HS
R	2249	CLR	20			128	69	26	24	01		003		HS
R	2349	CLR	20			131	67	26	31	04		004		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 9SpSpsosp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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 OCT 04

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 47	26.590	62.2	44.6	21	0															0	2	.020			00-01
01 48	26.590	61.6	44.4	22	0															0					01-02
02 47	26.590	59.6	43.3	23	0															0					02-03
03 52	26.590	59.4	43.4	24	0															0	4	.000			03-04
04 48	26.600	58.5	42.9	24	0															0					04-05
05 48	26.610	60.0	43.5	23	0															0					05-06
06 51	26.620	61.9	45.0	23	0															0	2	.030			06-07
07 46	26.630	69.9	48.3	17	0															0					07-08
08 45	26.630	76.8	52.0	15	0															0					08-09
09 46	26.630	83.0	53.2	10	0	0	CU	90												0	1	.010			09-10
10 46	26.620	86.8	53.4	10	0															0					10-11
11 49	26.600	88.8	56.0	9	0															0					11-12
12 47	26.580	92.2	57.2	8	0	0	CU	90												0	8	.050			12-13
13 46	26.570	93.0	57.0	7	0															0					13-14
14 52	26.560	92.2	57.7	9	0															0					14-15
15 50	26.550	92.0	56.8	7	0	0	CU	90												0	7	.030			15-16
16 48	26.555	89.1	56.5	10	0															0					16-17
17 49	26.565	82.4	55.0	14	0															0					17-18
18 48	26.575	75.0	51.0	15	0															0	3	.025			18-19
19 48	26.590	72.3	49.5	16	0															0					19-20
20 48	26.600	72.0	49.4	16	0															0					20-21
21 53	26.615	70.6	49.3	18	0															0	1	.040			21-22
22 49	26.615	69.1	48.7	19	0															0					22-23
23 49	26.625	67.1	48.0	22	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	64	59	X	X						X		
	0347	1	0	0	0	65	59		0								
	0942	2	0	0	0	83	57		0								
	1546	3	0	0	0	94	83		0								
	2148	4	0	0	0	92	68		0								
	MID.	X	0	0	0	72	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0946	1549	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.630	26.550	26.615
BAROGRAPH 64	26.580	26.615	26.535	26.585
BAR. CORR. 65	+.010	+.015	+.015	+.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
94	57	0	0	0	16	SW	1438					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: OCT 05 1978

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)	SUPL. REMARKS INTERVALS (15)
R	0048	CLR	20			131	63	26	28	03		004	103	HS
R	0148	CLR	20			134	63	25	03	02		004		HS
R	0251	CLR	20			130	64	25	02	04		003		HS
R	0348	CLR	20			136	63	23	11	04		005	305 62 RADAT 43129	HS
R	0450	CLR	20			143	62	24	00	00		006		HS
R	0550	CLR	20			155	60	24	07	03		008		HS
R	0650	CLR	20			160	67	25	06	04		010	214	HS
R	0751	CLR	20			159	75	24	36	03		011		HS
R	0853	CLR	20			153	82	16	34	04		010		HS
R	0952	CLR	20			148	84	17	25	03		009	803 60	HS
R	1046	CLR	20			148	88	17	25	02		009		HS
R	1150	CLR	20			144	90	20	21	06		008		HS
R	1247	CLR	20			134	91	18	24	08	G19	004	814 1100	HS
R	1350	CLR	20			129	92	19	26	12	G17	003		HS
R	1451	CLR	20			122	91	20	23	12		001		HS
R	1550	CLR	20			125	90	24	25	08		002	608 93 RADAT 30135	HS
R	1648	CLR	20			126	88	24	21	08		002		HS
R	1749	CLR	20			135	82	24	17	03		003		HS
R	1849	CLR	20			137	77	24	02	02		004	307	HS
R	1950	CLR	20			134	78	26	08	04		004		HS
R	2048	CLR	20			135	73	24	09	08		005		HS
R	2150	CLR	20			135	72	24	09	04		005	103 93	HS
R	2248	CLR	20			134	71	24	09	04		005		HS
R	2350	CLR	20			134	69	27	11	08		005		HS

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

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

☆ 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: WSMO, DESERT ROCK, NV

DATE: OCT 05 1978

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	26.625	63.2	46.1	24	0															0	1	.010			00-01
01 48	26.630	62.8	45.7	24	0															0					01-02
02 51	26.620	64.0	46.1	22	0															0					02-03
03 48	26.640	62.8	45.1	22	0															0	3	.015			03-04
04 50	26.650	62.2	45.0	23	0															0					04-05
05 50	26.665	59.8	44.0	25	0															0					05-06
06 50	26.680	67.3	47.8	20	0															0	2	.040			06-07
07 51	26.685	74.9	50.8	15	0															0					07-08
08 53	26.680	82.0	52.2	9	0															0					08-09
09 52	26.670	84.2	53.3	8	0															0	8	.010			09-10
10 46	26.670	87.6	54.5	7	0															0					10-11
11 50	26.660	90.0	56.0	8	0															0					11-12
12 47	26.630	91.1	56.1	7	0	0	CU	90												0	8	.040			12-13
13 50	26.620	91.7	56.4	7	0															0					13-14
14 51	26.600	90.8	56.3	8	0															0					14-15
15 50	26.605	90.4	57.0	9	0															0	6	.025			15-16
16 48	26.605	88.3	56.0	9	0															0					16-17
17 49	26.615	82.3	53.7	12	0															0					17-18
18 49	26.625	77.3	51.8	14	0															0	3	.020			18-19
19 50	26.630	78.2	52.6	15	0															0					19-20
20 48	26.635	73.3	50.0	16	0															0					20-21
21 50	26.635	72.3	49.7	16	0															0	1	.010			21-22
22 48	26.635	71.0	49.1	17	0															0					22-23
23 50	26.635	69.3	49.0	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 0344	X	0	0	X	67	62	X	X						X		
	0344	1	0	0	0	72	62		0								
	0947	2	0	0	0	84	60		0								
	1545	3	0	0	0	93	84		0								
	2145	4	0	0	0	91	69		0								
	MID.	X	0	0	0	72	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0952	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.620	26.605	26.635
BAROGRAPH 64	26.620	26.670	26.595	26.620
BAR. CORR. 65	+020	* 0	+.010	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	60	0	0	0	23	SW	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:

* BAROGRAPH CHANGED RESET TO 1.0 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: OCT 06 1978

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)	SUPERVISOR'S INITIALS (15)
R	0048	CLR	20			140	67	26	16	02		007	305	HS
R	0148	CLR	20			141	64	27	33	04		007		HS
R	0246	CLR	20			142	64	25	14	03		007		HS
R	0348	CLR	20			149	58	24	02	02		008	303 58 RADAT 57126	HS
R	0445	CLR	20			150	61	25	35	04		008		HS
R	0545	CLR	20			161	58	24	00	00		010		HS
R	0650	CLR	20			166	63	25	25	02		011	310	HS
R	0748	CLR	20			166	69	26	12	02		013		HS
R	0846	CLR	20			164	78	24	24	03		013		HS
R	0946	CLR	20			162	84	27	26	02		013	105 57	HS
R	1049	CLR	20			155	89	28	20	11	G17	011		HS
R	1148	CLR	20			151	89	27	18	12	G23	010		HS
R	1246	CLR	20			140	91	28	19	16	G25	007	PK WND 2135/02 819	HS
—	—												1100	—
R	1349	CLR	20			137	90	28	19	16	G27	005	PK WND 2127/43	HS
R	1452	CLR	20			130	90	27	19	14	G24	003	PK WND 2127/13	HS
R	1548	CLR	20			132	88	28	18	13		003	612 92 RADAT 23142	HS
R	1647	CLR	20			132	87	27	21	15		003		HS
R	1747	CLR	20			136	82	28	21	06		003		HS
R	1848	CLR	20			142	78	26	23	02		004	305	HS
R	1948	CLR	20			145	72	27	05	04		005		HS
R	2047	CLR	20			142	70	29	09	04		005		HS
R	2148	CLR	20			139	68	27	01	03		005	103 92	HS
R	2248	CLR	20			132	71	30	01	02		004		HS
R	2350	CLR	20			130	70	31	03	04		004		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_dapp $5P_oP_oP_oP_o$ $7RRR.s$ $8N_sC_sh_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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: OCT 06 1978

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	26.650	67.2	48.0	21	0															0	3	.015			00-01
01 48	26.650	64.0	46.8	25	0															0					01-02
02 46	26.650	63.6	46.1	23	0															0					02-03
03 48	26.660	58.4	43.2	26	0															0	3	.010			03-04
04 45	26.665	61.2	45.0	25	0															0					04-05
05 45	26.680	58.0	43.2	27	0															0					05-06
06 50	26.690	62.6	45.5	23	0															0	3	.030			06-07
07 48	26.705	69.3	48.7	19	0															0					07-08
08 46	26.705	78.0	52.0	13	0															0					08-09
09 46	26.705	83.9	55.0	12	0															0	1	.015			09-10
10 49	26.690	88.6	57.0	11	0															0					10-11
11 48	26.680	89.4	57.2	11	0															0					11-12
12 46	26.650	91.1	58.0	10	0	0	CU	90												0	8	.055			12-13
13 49	26.640	90.2	57.7	11	0															0					13-14
14 52	26.620	89.6	57.2	10	0															0					14-15
15 48	26.615	88.4	57.1	12	0															0	6	.035			15-16
16 47	26.615	86.6	56.0	11	0															0					16-17
17 47	26.615	82.1	54.6	14	0															0					17-18
18 48	26.630	77.6	52.4	15	0															0	3	.015			18-19
19 48	26.640	72.3	50.4	18	0															0					19-20
20 47	26.640	69.7	49.8	22	0															0					20-21
21 48	26.640	67.5	48.2	21	0															0	1	.010			21-22
22 48	26.630	71.2	50.8	22	0															0					22-23
23 50	26.625	70.1	50.6	24	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	69	58	X	X						X		
	0344	1	0	0	0	72	58		0								
	0942	2	0	0	0	84	57		0								
	1543	3	0	0	0	92	84		0								
	2143	4	0	0	0	89	68		0								
	MID.	X	0	0	0	71	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.705	26.615	26.640
BAROGRAPH 64	26.645	26.700	26.610	26.625
BAR. CORR. 65	+.015	+.005	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	57	0	0	0	35	SW	1202					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: OCT 07 1978

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	0048	CLR	20			131	67	29	02	03		004	503	HS
R	0148	CLR	20			136	64	31	15	02		005		HS
R	0252	CLR	20			137	61	30	09	05		005		HS
R	0353	CLR	20			141	63	24	10	04		006	305 61 RADAT 29133	HS
R	0450	CLR	20			146	59	23	09	04		007		HS
R	0549	CLR	20			155	58	25	10	02		008		HS
R	0647	CLR	20			161	63	24	10	04		010	312	HS
R	0745	CLR	20			165	68	22	00	00		011		HS
R	0845	CLR	20			165	75	25	00	00		012		HS
R	0945	CLR	20			165	81	23	20	02		012	107 58	HS
R	1046	CLR	20			153	85	25	22	09		010		HS
R	1146	CLR	20			143	88	20	20	10	G17	008		HS
R	1250	CLR	20			134	89	22	24	10		004	724 1001	HS
R	1351	CLR	20			130	89	25	21	14		003		HS
R	1451	CLR	20			124	90	23	21	10	G17	001		HS
R	1550	CLR	20			120	88	25	20	14		000	714 1001 90 RADAT 20136	HS
R	1651	300 - SCT	20			124	86	24	20	13		000		HS
R	1748	CLR	20			129	81	26	22	07		000		HS
R	1848	CLR	20			131	75	24	09	03		001	303	HS
R	1948	CLR	20			135	69	24	36	04		002		HS
R	2049	CLR	20			135	71	26	05	03		003		HS
R	2151	CLR	20			134	66	25	36	04		003	107 90	HS
R	2248	CLR	20			134	64	24	21	03		003		HS
R	2349	CLR	20			134	63	25	02	02		004		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 $6P_oP_oP_oP_o$ 7RRRis $8N_sCh$ 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: OCT 07 1978

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 48	26.630	67.4	48.9	24	0															0	5	.010			00-01
01 48	26.635	64.0	48.0	29	0															0					01-02
02 52	26.635	60.9	46.3	31	0															0					02-03
03 53	26.645	62.5	45.1	22	0															0	3	.015			03-04
04 50	26.650	59.0	43.3	25	0															0					04-05
05 49	26.665	58.3	43.5	27	0															0					05-06
06 47	26.680	62.8	45.5	23	0															0	3	.035			06-07
07 45	26.690	68.0	47.4	18	0															0					07-08
08 45	26.700	75.0	51.0	16	0															0					08-09
09 45	26.700	81.3	53.1	11	0															0	1	.020			09-10
10 46	26.680	85.0	53.0	11	0															0					10-11
11 46	26.660	88.4	55.4	8	0															0					11-12
12 50	26.630	88.6	55.8	9	0	0	Ci	300												0	7	.070			12-13
13 51	26.620	79.2	56.7	10	0															0					13-14
14 51	26.600	90.2	56.7	9	0															0					14-15
15 50	26.590	88.2	56.2	10	0	0	Ci	300												0	7	.040			15-16
16 51	26.590	85.7	55.1	10	1															0					16-17
17 48	26.595	80.6	53.5	13	0															0					17-18
18 48	26.600	75.3	50.8	14	0															0	3	.010			18-19
19 48	26.610	69.3	48.3	18	0															0					19-20
20 49	26.620	71.1	49.6	18	0															0					20-21
21 51	26.620	66.4	47.2	20	0															0	1	.020			21-22
22 48	26.620	64.0	46.0	22	0															0					22-23
23 49	26.625	63.2	45.8	23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	70	61	X	X						X		
	0349	1	0	0	0	71	61		0								
	0941	2	0	0	0	81	58		0								
	1545	3	0	0	0	90	81		0								
	2146	4	0	0	0	88	64		0								
	MID.	X	0	0	0	66	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0945	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.700	26.590	26.620
BAROGRAPH 64	26.635	26.680	26.580	26.605
BAR. CORR. 65	+.010	+.020	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	58	0	0	0	23	SW	1303					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: OCT 08 1978

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	0049	CLR	20			138	61	26	06	02		005	305	HS
R	0148	CLR	20			141	59	26	12	03		005		HS
R	0250	CLR	20			141	58	30	07	02		005		HS
R	0350	CLR	20			142	59	32	08	02		005	102 56 RADAT 20137	RD
R	0451	CLR	20			146	56	25	32	02		006		RD
R	0551	CLR	20			156	56	24	00	00		008		RD
R	0649	CLR	20			160	60	25	35	02		009	210 1001	RD
R	0750	CLR	20			164	68	26	10	02		010		RD
R	0850	CLR	20			158	75	25	00	00		010		RD
R	0949	250 SCT	20			153	81	27	28	02		009	000 1001 55	RD
R	1048	250 SCT	20			149	85	28	21	06		008		RD
R	1150	250 SCT	20			139	87	27	19	12		005		RD
R	1251	E250 BKN	20			134	87	28	22	12		003	714 1005	RD
R	1350	E250 BKN	20			129	87	28	19	12	G21	001		RD
R	1449	E250 BKN	20			126	86	28	18	14		000	PK WND 18 28/18	RD
R	1545	E250 BKN	20			124	88	33	18	12	G21	999	610 1108 89 RADAT 44126	CG
R	1651	250 SCT	20			124	84	34	20	10		998		CG
R	1745	250 SCT	20			124	80	33	23	06		998		CG
R	1845	250 SCT	20			128	77	32	00	00		999	500 1008	CG
R	1949	250 SCT	20			134	73	32	05	03		002		CG
R	2048	250 SCT	20			131	72	30	04	02		002		CG
R	2146	250 SCT	20			132	68	32	29	02		003	110 1008 89	CG
R	2245	250 SCT	20			132	67	30	01	03		003		CG
R	2347	E250 BKN	20			130	67	32	01	02		003		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_gT_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
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: OCT 08 1978
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.635	61.0	45.0	26	0															0	3	.015				00-01
01 48	26.640	59.2	44.1	27	0															0						01-02
02 50	26.640	57.8	44.8	35	0															0						02-03
03 50	26.640	58.7	45.8	36	0															0	1	.005				03-04
04 51	26.645	56.0	42.3	29	0															0						04-05
05 51	26.665	55.9	42.1	29	0															0						05-06
06 49	26.670	60.0	44.3	26	0	0	Ci	250												0	2	.030				06-07
07 50	26.680	67.9	48.2	21	0															0						07-08
08 50	26.680	75.0	51.0	16	0															0						08-09
09 49	26.670	81.3	54.1	14	1	1	Ci	250												1	0	.000				09-10
10 48	26.660	84.9	55.6	13	2															2						10-11
11 50	26.640	87.2	56.4	11	3															3						11-12
12 51	26.620	87.4	56.7	12	6	6	Cs	E250												4	7	.050				12-13
13 50	26.600	86.7	56.3	12	6															4						13-14
14 49	26.595	86.0	56.0	12	8															5						14-15
15 45	26.590	83.5	58.0	14	6	0	Cu	50	6	Cs	E30	6								5	6	.030				15-16
16 51	26.580	84.3	57.0	16	4															3						16-17
17 45	26.580	80.3	55.1	18	2															2						17-18
18 45	26.590	76.8	53.6	20	2	2	Cs	250												2	5	.000				18-19
19 49	26.610	72.8	51.8	22	3															2						19-20
20 48	26.610	71.7	50.9	21	3															2						20-21
21 46	26.620	68.4	50.0	25	3	3	Cs	250												2	1	.030				21-22
22 45	26.620	67.0	49.0	25	4															3						22-23
23 47	26.620	66.8	49.4	27	8															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	X	0	0	X	63	56	X	X						X		
	0343	1	0	0	0	66	56		0								
	0943	2	0	0	0	81	55		0								
	1543	3	0	0	0	89	81		0								
	2144	4	0	0	0	88	68		0								
	MID.	X	0	0	0	69	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1544	2141
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.670	26.590	26.620
BAROGRAPH 64	26.635	26.670	26.590	26.600
BAR. CORR. 65	+.005	±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 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
89	55	0	0	0	28	S	1418					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:

☆ 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: 1978 OCT 0 9

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)	OBS. SERVER'S INITIALS (15)
R	0045	E250 BKN	20			130	66	32	04	04		003	400 1008	CG
R	0148	250 SCT	20			131	64	31	05	05		003		CG
R	0245	250 SCT	20			134	63	36	20	02		003		CG
R	0350	E250 BKN	20			130	64	31	17	03		003	802 1008 60 RADAT 44124	RD
R	0450	E250 BKN	20			136	63	30	09	02		003		RD
R	0550	120 SCT E250 OVC	20			143	61	32	13	02		005		RD
R	0650	E250 BKN	20			148	63	34	00	00		006	210 1078	RD
R	0750	120 SCT E250 OVC	20			161	65	32	33	02		010		RD
R	0849	120 SCT E250 OVC	20			164	68	31	00	00		011		RD
R	0950	120 SCT E250 OVC	20			162	75	31	24	04		011	115 1087 59	RD
R	1048	120 SCT 160SCT E250 OVC	20			162	79	29	21	09		011	CU SE	RD
R	1150	160 SCT E250 BKN	20			156	79	28	20	10		009	CU NE SE	RD
R	1250	160 SCT E250 BKN	20			149	83	29	19	14		008	CU NE / 810 1178	RD
R	1350	160 SCT E250 BKN	20			148	83	29	18	11		007		RD
R	1450	160 SCT E250 BKN	20			144	83	24	18	17		007		RD
R	1545	180 SCT E300 BKN	20			150	82	16	21	14		007	500 1078 84 RADAT 20133	CG
R	1650	180 SCT E300 BKN	20			154	78	21	23	05		007		CG
R	1749	180 SCT E300 BKN	20			162	74	22	17	04		009		CG
R	1845	180 SCT 300 SCT	20			164	70	21	35	02		010	307 1078	CG
R	1946	180 SCT 300 SCT	20			172	65	19	05	02		012		CG
R	2045	300 SCT	20			175	63	19	36	03		013		CG
R	2145	CLR	20			175	60	21	20	04		013	110 1008 84	CG
R	2247	CLR	20			174	59	22	09	02		013		CG
R	2348	CLR	20			176	58	21	10	02		014		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.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 OCT 09

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	65.8	49.1	29	8	8	Cs	E250												7	4	.000			00-01
01 48	26.620	63.9	48.0	29	5															3					01-02
02 45	26.620	63.0	49.0	36	5															4					02-03
03 50	26.615	63.9	47.8	29	6	6	Cs	E250												4	8	.005			03-04
04 50	26.620	62.9	47.2	29	8															5					04-05
05 50	26.635	61.0	46.8	33	10															8					05-06
06 50	26.645	63.1	48.4	34	9	0	Ac	160	9	Cs	E250	9								7	2	.030			06-07
07 50	26.680	65.2	48.6	28	10															8					07-08
08 49	26.635	68.4	49.9	25	10															8					08-09
09 50	26.690	74.7	52.6	20	10	1	Ac	120	10	Cs	E250	10								8	1	.045			09-10
10 48	26.690	78.6	53.5	16	10															10					10-11
11 50	26.675	79.0	53.3	15	9															7					11-12
12 50	26.660	82.6	55.0	14	9	0	Cu	70	3	Ac	160	3	6	Cs	E250	9				5	8	.030			12-13
13 50	26.655	82.8	55.0	14	9															5					13-14
14 50	26.650	83.2	54.1	11	8															5					14-15
15 45	26.660	81.6	52.0	9	8	3	Ac	180	5	Cs	E250	8								6	5	.000			15-16
16 50	26.660	77.9	51.3	12	8															6					16-17
17 49	26.675	74.0	50.0	14	6															4					17-18
18 45	26.680	76.4	48.1	15	5	2	Ac	180	3	Cs	300	5								4	3	.020			18-19
19 46	26.695	64.5	45.1	17	5															4					19-20
20 45	26.705	63.3	44.5	18	3															2					20-21
21 45	26.710	60.1	43.3	21	0	0	Cs	300												0	1	.030			21-22
22 47	26.710	58.9	43.1	24	0															0					22-23
23 48	26.715	58.2	42.4	23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	69	60	X	X						X		
	0343	1	0	0	0	69	60		0								
	0943	2	0	0	0	75	59		0								
	1543	3	0	0	0	84	74		0								
	2143	4	0	0	0	83	60		0								
	MID.	X	0	0	0	60	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0949	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.690	26.660	26.710
BAROGRAPH 64	26.610	26.690	26.660	26.700
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
84	58	0	0	0	20	S	1516					9.			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

CHANGED AND RESET MICROBAROGRAPH AT 0949 PST

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: 1978 OCT 10

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)	OBS. SERVER'S INITIALS (15)
R	0050	CLR	20			181	56	23	01	02		015	307 1008	CG
R	0149	300 SCT	20			178	54	22	05	02		014		CG
R	0245	300 SCT	20			177	57	23	09	04		014		CG
R	0350	300 SCT	20			181	54	21	10	04		015	500 1008 53 RADAT 20124	RD
R	0449	CLR	20			189	51	23	09	02		016		RD
R	0550	CLR	20			195	51	21	09	02		017		RD
R	0648	CLR	20			196	58	23	15	02		018	210	RD
R	0748	CLR	20			204	63	24	00	00		020		RD
R	0848	CLR	20			204	70	22	19	02		021		RD
R	0946	CLR	20			200	78	23	19	04		021	107 51	RD
R	1048	CLR	20			195	80	24	19	04		020		RD
R	1150	CLR	20			191	81	23	19	11		018		RD
R	1249	CLR	20			182	84	23	23	04		015	717	RD
R	1350	CLR	20			176	84	21	19	06		014		RD
R	1450	CLR	20			169	83	22	23	04		012		RD
R	1545	CLR	20			166	84	21	24	08		011	714 84 RADAT 20129	CG
R	1645	CLR	20			164	82	21	24	06		010		CG
R	1745	CLR	20			174	75	22	24	03		012		CG
R	1845	CLR	20			179	68	21	05	02		013	307	CG
R	1946	CLR	20			183	65	20	06	04		014		CG
R	2045	CLR	20			184	62	19	02	02		015		CG
R	2146	CLR	20			181	60	20	00	00		015	107 84	CG
R	2245	CLR	20			178	61	21	00	00		015		CG
R	2345	CLR	20			179	59	24	12	02		015		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 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 OCT 10

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.730	56.1	42.0	28	0	0	Cs	300												0	3	.020			00-01
01 49	26.720	54.1	40.8	29	4															3					01-02
02 45	26.720	56.6	42.2	27	4															3					02-03
03 50	26.730	53.9	40.2	27	1	1	Cs	300												1	5	.000			03-04
04 49	26.740	51.2	39.4	32	0															0					04-05
05 50	26.750	51.3	39.0	30	0															0					05-06
06 48	26.760	58.0	42.8	25	0															0	2	.030			06-07
07 48	26.775	63.4	45.6	22	0															0					07-08
08 48	26.780	70.0	48.2	16	0															0					08-09
09 46	26.780	78.2	51.8	13	0															0	1	.020			09-10
10 48	26.770	80.1	52.8	12	0															0					10-11
11 50	26.755	81.0	53.0	12	0															0					11-12
12 49	26.730	83.9	54.2	11	0															0	7	.050			12-13
13 50	26.720	84.0	53.9	10	0															0					13-14
14 50	26.700	83.2	53.7	10	0															0					14-15
15 45	26.690	84.3	54.0	10	0															0	7	.040			15-16
16 45	26.680	82.0	53.0	10	0															0					16-17
17 45	26.695	75.1	50.4	14	0															0					17-18
18 45	26.710	68.2	47.1	16	0															0	3	.020			18-19
19 44	26.720	64.8	45.4	18	0															0					19-20
20 45	26.730	62.2	44.0	19	0															0					20-21
21 46	26.730	59.9	43.1	21	0															0	1	.020			21-22
22 45	26.725	60.7	43.6	21	0															0					22-23
23 45	26.725	58.7	43.4	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 0349	X	0	0	X	58	53	X	X						X		
	0349	1	0	0	0	60	53		0								
	0941	2	0	0	0	78	51		0								
	1543	3	0	0	0	84	78		0								
	2142	4	0	0	0	84	60		0								
	MID.	X	0	0	0	62	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.780	26.690	26.730
BAROGRAPH 64	26.740	26.780	26.690	26.710
BAR. CORR. 65	-.010	+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
84	51.	0	0	0	*16	5	1553					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:

* LAST OF TWO OCCURENCES

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: 1978 OCT 11

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)	OR SERVER'S INITIALS (15)
R	0047	CLR	20			179	55	22	35	02		015	602	CG
R	0146	CLR	20			176	58	25	26	02		014		CG
R	0245	CLR	20			174	53	20	34	02		013		CG
R	0350	CLR	20			174	60	22	09	03		014	502 52 RADAT 25134	DS
R	0449	CLR	20			176	56	21	02	02		014		DS
R	0549	CLR	20			185	57	33	02	07		015		DS
R	0649	CLR	20			189	61	24	09	05		016	207	DS
R	0746	CLR	20			185	73	24	03	10		016		DS
R	0848	CLR	20			186	76	27	36	12		017		DS
R	0948	CLR	20			180	79	26	36	11		015	803 52	DS
R	1049	CLR	20			174	82	26	29	06		014		DS
R	1149	CLR	20			164	83	25	34	05		011		DS
R	1248	CLR	20			149	88	25	35	04		006	727	DS
R	1348	CLR	20			139	88	26	28	05		004		DS
R	1448	CLR	20			137	88	28	30	02		003		DS
R	1545	CLR	20			131	88	25	13	04		002	714 89 RADAT 28151	CG
R	1647	CLR	20			129	86	23	28	03		001		CG
R	1751	CLR	20			132	80	21	30	05		001		CG
R	1845	CLR	20			136	74	25	10	02		002	500	CG
R	1945	CLR	20			136	70	22	04	04		003		CG
R	2045	CLR	20			138	70	21	04	08		004		CG
R	2145	CLR	20			133	70	23	02	09		003	003 89	CG
R	2247	CLR	20			132	68	23	01	10		003		CG
R	2345	CLR	20			132	69	24	01	10		003		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.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 OCT 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	MF
00 47	26.725	54.6	40.9	27	0															0	6	-.005			00
01 46	26.720	57.5	43.1	28	0															0					01
02 45	26.710	52.9	39.6	27	0															0					02
03 50	26.720	60.0	43.7	23	0															0	5	005			03
04 49	26.720	55.7	41.2	25	0															0					04
05 49	26.730	56.8	45.2	40	0															0					05
06 49	26.740	61.3	44.7	24	0															0	2	020			06
07 46	26.749	73.0	49.9	16	0															0					07
08 48	26.745	76.2	51.9	16	0															0					08
09 48	26.730	79.0	53.0	14	0															0	8	010			09
10 49	26.720	82.3	54.1	12	0															0					10
11 49	26.690	83.0	54.2	12	0															0					11
12 48	26.650	87.6	56.0	10	0															0	7	080			12
13 48	26.630	88.0	56.5	13	0															0					13
14 48	26.626	88.3	57.0	13	0															0					14
15 45	26.610	87.6	58.0	10	0															0	7	-.040			15
16 47	26.600	86.0	55.0	10	0															0					16
17 51	26.600	79.6	52.1	11	0															0					17
18 45	26.610	73.8	50.6	16	0															0	5	-.060			18
19 45	26.620	69.7	48.0	16	0															0					19
20 45	26.625	70.2	48.0	15	0															0					20
21 45	26.620	69.6	48.2	17	0															0	0	-.010			21
22 47	26.620	68.0	47.6	18	0															0					22
23 45	26.620	68.6	48.1	19	0															0					23

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	59	52	X	X						X		
	0348	1	0	0	0	62	52		0								
	0947	2	0	0	0	80	55		0								
	1542	3	0	0	0	89	79		0								
	2142	4	0	0	0	88	69		0								
	MID.	X	0	0	0	70	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.730	26.610	26.620
BAROGRAPH 64	26.710	26.725	26.610	26.610
BAR. CORR. 65	+.010	+.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
89	52	0	0	0	17	N	1253					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 OCT 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)	OBS. SERVER'S INITIALS (15)
R	0045	CLR	20			130	67	25	03	07		003	400	CG
R	0145	CLR	20			123	73	26	02	11		002		CG
R	0249	CLR	20			123	65	27	09	02		001		CG
R	0347	CLR	20			129	66	28	06	07		003	502 62 RADAT 20150	DS
R	0447	CLR	20			132	69	28	03	10		003		DS
R	0550	CLR	20			137	65	27	03	07		004		DS
R	0646	CLR	20			145	70	28	02	12		006	310	DS
R	0750	CLR	20			155	73	31	01	14		009		DS
R	0849	CLR	20			156	77	29	36	16		009		DS
R	0949	CLR	20			153	79	30	01	10		009	008 62	DS
R	1048	CLR	20			143	83	29	36	11		007		DS
R	1148	CLR	20			134	84	29	08	08		004		DS
R	1249	CLR	20			123	87	27	33	05G	17	001	824	DS
R	1348	CLR	20			114	88	28	24	02		999		DS
R	1446	CLR	20			114	89	23	01	14		999		DS
R	1546	CLR	20			108	89	16	34	10		997	812 90 RADAT 20151	JK
R	1645	CLR	20			108	87	21	35	07		997		JK
R	1749	CLR	20			119	81	16	36	08		998		JK
R	1845	CLR	20			124	78	22	01	10		000	310	JK
R	1948	CLR	20			126	76	20	02	11		001		JK
R	2046	CLR	20			131	74	22	01	12		003		JK
R	2149	CLR	20			138	73	20	01	12		005	215 90	JK
R	2250	CLR	20			142	70	22	09	09		006		JK
R	2345	CLR	20			145	72	21	05	10		007		JK

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

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_Lh_CM_CH$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRis $8N_sCh$ 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 OCT 12

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	26.620	67.1	47.7	21	0															0	4	.000			00-01
01 45	26.610	72.9	50.3	17	0															0					01-02
02 49	26.600	64.9	47.0	23	0															0					02-03
03 47	26.615	66.2	48.0	24	0															0	5	005			03-04
04 47	26.620	69.0	49.1	21	0															0					04-05
05 50	26.625	65.0	47.2	24	0															0					05-06
06 46	26.645	69.8	49.7	21	0															0	3	030			06-07
07 50	26.670	73.2	51.8	21	0															0					07-08
08 49	26.675	77.3	53.0	17	0															0					08-09
09 49	26.670	79.3	54.0	17	0															0	0	025			09-10
10 48	26.650	82.5	55.0	14	0															0					10-11
11 48	26.630	84.3	55.8	14	0															0					11-12
12 49	26.600	87.0	56.2	11	0															0	8	070			12-13
13 48	26.585	87.8	56.8	12	0															0					13-14
14 46	26.580	89.0	56.1	9	0															0					14-15
15 46	26.565	89.0	55.0	7	0															0	8	.035			15-16
16 45	26.565	87.0	55.0	9	0															0					16-17
17 49	26.580	80.8	51.7	9	0															0					17-18
18 45	26.595	78.2	51.6	12	0															0	3	.030			18-19
19 48	26.600	76.1	50.3	12	0															0					19-20
20 46	26.620	74.0	50.0	14	0															0					20-21
21 49	26.640	73.3	49.2	13	0															0	2	.045			21-22
22 50	26.650	71.4	48.3	16	0															0					22-23
23 45	26.660	72.1	48.9	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 0345	X	0	0	X	73	62	X	X						X		
	0345	1	0	0	0	73	62		0								
	0947	2	0	0	0	80	64		0								
	1546	3	0	0	0	90	79		0								
	2146	4	0	0	0	89	73		0								
	MID.	X	0	0	0	73	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.670	26.565	26.640
BAROGRAPH 64	26.610	26.665	26.575	26.640
BAR. CORR. 65	+.005	+.005	-.010	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	62	0	0	0	19	N	1411					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 OCT 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. (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	0048	CLR	20			152	69	25	04	09		010	214	JK
R	0146	CLR	20			152	70	21	04	11		010		JK
R	0250	CLR	20			155	68	23	02	12		011		JK
R	0348	CLR	20			162	67	25	02	14		013	208 64 RADAT 21147	DS
R	0448	CLR	20			169	66	28	04	12		014		DS
R	0549	CLR	20			178	66	27	04	14		016		DS
R	0647	CLR	20			185	68	26	03	16		017	215	DS
R	0745	CLR	20			196	70	25	03	12		021		DS
R	0848	CLR	20			195	74	29	01	16		021		DS
R	0951	CLR	20			189	78	24	03	14		020	007 64	DS
R	1047	CLR	20			184	82	22	03	10		018		DS
R	1148	CLR	20			176	83	23	10	14		016		DS
R	1247	CLR	20			169	84	23	04	06		014	CI DSNT SW/ 817 1002	DS
R	1346	CLR	20			162	86	21	36	09		013	CI DSNT SW	DS
R	1450	CLR	20			160	86	21	03	08		012		DS
R	1547	CLR	20			157	87	18	05	10		011	710 88 RADAT 26147	JK
R	1645	CLR	20			158	85	15	06	08		011		JK
R	1748	CLR	20			161	81	15	09	08		011		JK
R	1849	CLR	20			168	78	15	07	08		013	305	JK
R	1945	CLR	20			176	70	16	36	08		014		JK
R	2048	CLR	20			181	71	19	01	10		016		JK
R	2149	CLR	20			181	72	17	04	08		017	215 88	JK
R	2245	CLR	20			188	65	18	09	02		018		JK
R	2350	CLR	20			185	68	16	02	10		018		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: WSMO, DESERT ROCK, NV

DATE: 1978 OCT 13

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	26.680	69.3	48.7	19	0															0	2	.040	-		00-01
01 46	26.680	70.2	48.2	16	0															0					01-02
02 50	26.690	68.4	47.8	18	0															0					02-03
03 48	26.705	67.4	47.8	20	0															0	2	.025			03-04
04 48	26.720	66.4	48.1	24	0															0					04-05
05 49	26.735	66.0	47.6	23	0															0					05-06
06 47	26.750	67.5	48.0	21	0															0	2	.045			06-07
07 45	26.780	70.0	49.0	19	0															0					07-08
08 48	26.780	74.0	51.7	19	0															0					08-09
09 51	26.770	77.7	52.0	14	0															0	0	.020			09-10
10 47	26.760	81.5	53.2	11	0															0					10-11
11 48	26.740	83.3	54.0	11	0															0					11-12
12 47	26.720	83.6	54.0	11	0	0	CI	300												0	8	.050			12-13
13 46	26.710	86.3	54.8	9	0															0					13-14
14 50	26.700	86.4	54.8	9	0															0					14-15
15 47	26.690	87.0	54.5	8	0															0	7	.030			15-16
16 45	26.690	85.3	53.3	7	0															0					16-17
17 48	26.690	81.3	51.7	8	0															0					17-18
18 49	26.705	78.0	50.3	9	0															0	3	.015			18-19
19 45	26.720	70.1	47.0	13	0															0					19-20
20 48	26.740	71.2	48.0	14	0															0					20-21
21 49	26.750	72.0	48.0	12	0															0	2	.045			21-22
22 45	26.760	65.0	45.0	16	0															0					22-23
23 50	26.760	68.2	46.2	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 0346	X	0	0	X	72	64	X	X						X		
	0346	1	0	0	0	73	64		0								
	0948	2	0	0	0	79	65		0								
	1545	3	0	0	0	88	78		0								
	2147	4	0	0	0	87	70		0								
	MID.	X	0	0	0	72	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0949	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.705	26.770	26.690	26.750
BAROGRAPH 64	26.700	26.765	26.695	26.745
BAR. CORR. 65	+.005	+.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	1101					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 OCT 14

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	0048	CLR	20			191	63	17	04	05		019	207	JK
R	0150	CLR	20			187	67	14	02	08		019		JK
R	0250	CLR	20			188	65	17	11	04		019		JK
R	0348	CLR	20			194	65	14	03	09		022	305 61 RADAT 21145	DS
R	0448	CLR	20			201	65	13	04	10		023		DS
R	0549	CLR	20			209	62	12	04	06		024		DS
R	0648	CLR	20			216	69	14	03	10		026	215	DS
R	0747	CLR	20			223	70	14	01	09		027		DS
R	0846	CLR	20			217	75	11	30	02		027		DS
R	0948	CLR	20			208	79	12	03	04		025	803 61	DS
R	1049	CLR	20			206	84	9	12	04		024		DS
R	1148	CLR	20			195	85	14	16	04		022		DS
R	1248	CLR	20			188	86	12	12	05		019	719	DS
R	1347	CLR	20			180	88	12	29	07		017		DS
R	1453	CLR	20			179	88	18	20	07		017		DS
R	1548	CLR	20			177	87	15	18	04		016	808 89 RADAT 21145	JK
R	1645	CLR	20			179	85	14	22	04		016		JK
R	1745	CLR	20			189	75	13	30	01		017		JK
R	1845	CLR	20			192	75	16	09	06		018	307	JK
R	1948	CLR	20			192	69	12	09	03		018		JK
R	2047	CLR	20			196	64	11	04	04		019		JK
R	2145	CLR	20			195	62	15	27	01		019	103 89	JK
R	2246	CLR	20			192	63	12	36	04		019	C, SW-W	JK
R	2348	250 - SCT	20			192	60	15	04	02		019		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 $6P_oP_oP_oP_o$ $7RRR_rs$ $8N_sCh$ h_s $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO: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 OCT 14

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	48	26.770	63.3	44.0	17	0														0	2	.020				00-01
01	50	26.770	67.0	45.2	13	0														0						01-02
02	50	26.770	64.8	44.7	16	0														0						02-03
03	48	26.785	65.0	44.3	14	0														0	3	.015				03-04
04	48	26.800	64.7	44.0	13	0														0						04-05
05	49	26.810	62.0	42.5	14	0														0						05-06
06	48	26.830	66.7	45.0	13	0														0	2	.045				06-07
07	47	26.840	70.0	46.7	12	0														0						07-08
08	46	26.835	75.1	48.4	8	0														0						08-09
09	48	26.820	78.7	50.2	8	0														0	8	.010				09-10
10	49	26.810	83.5	51.7	6	0														0						10-11
11	48	26.790	85.1	53.1	7	0														0						11-12
12	48	26.765	86.4	53.3	6	0														0	7	.055				12-13
13	47	26.750	87.7	53.9	6	0														0						13-14
14	53	26.750	88.0	54.8	7	0														0						14-15
15	48	26.740	87.1	54.1	7	0														0	8	.025				15-16
16	45	26.740	85.0	53.0	7	0														0						16-17
17	45	26.750	75.2	48.8	9	0														0						17-18
18	45	26.760	74.8	49.1	11	0														0	3	.020				18-19
19	48	26.760	69.2	46.0	11	0														0						19-20
20	47	26.770	64.1	43.4	12	0														0						20-21
21	45	26.770	62.2	43.1	16	0														0	1	.010				21-22
22	46	26.770	63.0	43.0	13	0														0						22-23
23	48	26.770	60.1	42.1	17	1														0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	68	61	X	X						X		
	0345	1	0	0	0	72	61		0								
	0946	2	0	0	0	80	62		0								
	1546	3	0	0	0	89	79		0								
	2143	4	0	0	0	87	62		0								
	MID.	X	0	0	0	63	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1547	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.785	26.820	26.740	26.770
BAROGRAPH 64	26.780	26.815	26.740	26.770
BAR. CORR. 65	+.005	+.005	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
89	59	0	0	0	15	N	0630					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 OCT 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 (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CUBE SERVERS INITIALS (15)
R	0050	250 SCT	20			193	57	12	03	03		019	400 1001	JK
R	0148	250 SCT	20			191	59	8	26	03		019		JK
R	0250	250 SCT	20			191	56	15	12	01		019		JK
R	0350	250 - SCT	20			189	56	13	02	04		018	7051005 53 RADAT 24147	WRC
R	0450	250 - SCT	20			193	54	14	05	02		019		WRC
R	0550	160 SCT 250 - BKN	20			201	53	13	00	00		019		WRC
R	0650	160 SCT 250 - BKN	20			202	59	16	00	00		021	207 1034	WRC
R	0750	160 SCT 250 - OVC	20			204	65	22	30	02		022		WRC
R	0850	160 SCT 250 - OVC	20			198	72	18	27	02		020		WRC
R	0950	160 SCT E250 BKN	20			191	76	16	36	02		018	807 1034 52	WRC
R	1050	160 SCT 250 - BKN	20			182	83	14	34	02		017		WRC
R	1150	140 SCT 250 - BKN	20			171	84	14	36	02		013		WRC
R	1250	140 SCT E250 BKN	20			158	86	16	20	05		010	827 1034	WRC
R	1350	140 SCT 250 - BKN	20			151	88	15	22	05G14		008		WRC
R	1450	140 SCT 250 - BKN	20			149	85	17	21	05G18		007		WRC
R	1550	140 SCT E250 OVC	20			145	85	19	24	10		005	714 1077 88 RADAT 23141	LEF
R	1649	140 SCT 250 - BKN	20			142	82	20	19	10		004		LEF
R	1748	140 SCT 250 - BKN	20			145	75	20	18	08		004		LEF
R	1850	E140 BKN 250 OVC	20			143	73	22	17	04		003	707 1077	LEF
R	1949	E140 BKN 250 OVC	20			137	72	23	11	05		003		LEF
R	2050	140 SCT 250 - BKN	20			138	66	18	05	05		003		LEF
R	2150	140 SCT 250 SCT	20			133	65	21	06	05		002	803 1075 88	LEF
R	2250	CLR	20			128	62	23	02	02		001		LEF
R	2350	CLR	20		127	132	58	22	07	02		006		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 $6P_oP_oP_oP_o$ $7RRR_ts$ $8N_sCh$ 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: WSMO, DESERT ROCK, NV

DATE: 1978 OCT 15

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.770	57.2	40.1	17	3															2	4	.000			00-01
01 48	26.770	58.5	40.1	13	3															2					01-02
02 50	26.765	56.0	40.0	20	3															2					02-03
03 50	26.760	56.2	39.8	18	4	4	Ci	250												2	7	.010			03-04
04 50	26.765	53.8	35.7	20	4															2					04-05
05 50	26.770	53.2	36.2	20	7															3					05-06
06 50	26.780	58.9	42.2	20	9	2	Ac	160	9	Ci	250	9								4	2	.020			06-07
07 50	26.785	64.9	46.0	20	10															3					07-08
08 50	26.775	72.2	46.3	13	10															4					08-09
09 50	26.760	77.5	50.3	10	9	2	Ac	160	9	Ci	E250	9								6	8	.020			09-10
10 50	26.745	82.6	52.0	7	9															4					10-11
11 50	26.710	84.3	52.7	7	9															4					11-12
12 50	26.680	85.9	53.7	7	9	1	Ac	140	9	Ci	E250	9								6	8	.080			12-13
13 50	26.665	87.8	54.4	7	8															3					13-14
14 50	26.650	85.3	53.6	8	9															4					14-15
15 50	26.640	85.4	53.8	8	10	1	Ac	140	9	Cu	E250	10								6	7	.040			15-16
16 49	26.625	81.7	52.7	10	8															3					16-17
17 48	26.625	74.8	49.8	13	8															3					17-18
18 50	26.620	72.9	49.4	14	10	6	Ac	E140	4	Cu	250	10								7	7	.020			18-19
19 49	26.615	71.7	49.2	16	10															6					19-20
20 50	26.620	66.0	45.5	16	7															3					20-21
21 50	26.610	64.7	45.6	19	4	3	Ac	140	1	Ci	250	4								3	8	.010			21-22
22 50	26.600	61.7	44.7	23	0															0					22-23
23 50	26.595	58.3	42.6	24	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	60	53	X	X						X		
	0345	1	0	0	0	63	53		0								
	0945	2	0	0	0	79	52		0								
	1545	3	0	0	0	88	78		0								
	2145	4	0	0	0	85	64		0								
	MID.	X	0	0	0	65	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0359	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.760	26.640	26.610
BAROGRAPH 64	26.755	26.755	26.625	26.600
BAR. CORR. 65	+.005	+.005	+.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	52	0	0	0	18	SW	1444					9			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

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 OCT 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)	SEQUENCE INITIALS (15)
R	0050	CLR	20			123	58	19	36	03		999	708	LEF
R	0149	CLR	20			120	58	19	31	02		999		LEF
R	0248	CLR	20			122	56	24	11	03		999		LEF
R	0350	CLR	20			117	59	20	05	03		998	703 1005 55 RAPAT 18133	WRC
R	0450	250 -SCT	20			119	54	19	00	00		998		WRC
R	0550	250 -BKN	20			125	54	20	02	03		998		WRC
R	0650	250 -BKN	20			129	55	23	10	02		999	303 1004	WRC
R	0750	250 -BKN	20			131	62	19	07	03		000		WRC
R	0850	250 -BKN	20			130	70	21	11	02		000		WRC
R	0950	250 -OVC	20			125	76	24	22	02		999	000 1004 53	WRC
R	1050	250 -OVC	20			121	79	25	33	04		998		WRC
R	1150	250 -OVC	20			113	60	24	15	07		996		WRC
R	1250	250 -BKN	20			104	81	27	17	05		993	320 1001	WRC
R	1350	250 -BKN	20			094	83	27	22	08		991		WRC
R	1450	250 -BKN	20			089	83	28	22	10G18		989		WRC
R	1550	250 -BKN	20			085	82	26	20	14		988	715 1008 84 RAPAT 35131	LEF
R	1650	250 -OVC	20			091	79	27	19	15		987		LEF
R	1750	250 -OVC	20			091	74	27	23	08		988		LEF
R	1849	250 -OVC	20			094	71	27	35	08		989	303 1007	LEF
R	1948	250 -OVC	20			100	67	29	35	03		991		LEF
R	2048	250 -OVC	20			098	66	28	03	02		991		LEF
R	2150	250 -OVC	20			103	65	28	02	03		993	214 1007 84	LEF
R	2248	250 -OVC	20			105	61	25	18	04		993		LEF
R	2350	250 -OVC	20			105	60	24	35	02		993		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 $8N_sCh\ h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wHwH_w$ $4T_xT_xT_nT_n$

☆ 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 OCT 18

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 50	26.585	57.6	41.6	22	0															0	7	.025			00-01
01 49	26.580	58.0	42.0	22	0															0					01-02
02 48	26.580	56.0	42.2	29	0															0					02-03
03 50	26.575	59.3	42.7	21	0	0	C1	250												0	7	.010			03-04
04 50	26.570	54.1	39.9	25	1															0					04-05
05 50	26.575	54.3	40.3	26	7															3					05-06
06 50	26.585	58.1	43.0	26	9	9	C1	250												4	3	.010			06-07
07 50	26.595	61.6	43.4	19	9															4					07-08
08 50	26.595	69.7	47.4	16	9															4					08-09
09 50	26.585	75.5	51.0	15	10	10	C1	250												4	0	.000			09-10
10 50	26.575	78.9	52.6	14	10															3					10-11
11 50	26.550	79.6	53.9	15	10															3					11-12
12 50	26.525	80.9	53.9	14	9	9	C1	250												3	4	.060			12-13
13 50	26.505	82.4	54.6	13	9															3					13-14
14 50	26.490	83.2	54.9	13	8															3					14-15
15 50	26.480	82.0	54.0	13	7	7	C2	250												2	7	.045			15-16
16 50	26.475	78.5	53.0	16	10															0					16-17
17 50	26.485	73.8	50.9	17	10															1					17-18
18 49	26.490	71.4	50.0	19	10	10	C2	250												2	3	.010			18-19
19 48	26.510	66.9	47.5	20	10															1					19-20
20 48	26.510	66.0	47.8	24	10															1					20-21
21 50	26.530	65.2	47.5	24	10	10	C5	250												2	2	.040			21-22
22 48	26.530	61.4	45.0	25	10															2					22-23
23 50	26.530	60.0	44.0	25	10															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	59	55	X	X						X		
	0343	1	0	0	0	65	55		0								
	0943	2	0	0	0	77	53		0								
	1543	3	0	0	0	84	76		0								
	2143	4	0	0	0	82	65		0								
	MID.	X	0	0	0	65	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0943	1543	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.585	26.480	26.532
BAROGRAPH 64	26.560	26.575	26.465	26.510
BAR. CORR. 65	+.015	+.010	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
84	53	0	0	0	22	5	1516					9			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

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 OCT 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	0049	250 -OVC	20			105	60	23	07	02		994	102 1007	LEF
R	0150	250 -OVC	20			108	56	23	09	06		994		LEF
R	0250	250 -OVC	20			108	56	23	15	01		994		LEF
R	0350	250 -OVC	20			115	57	26	33	02		995	203 1007 55 RADAT 25126	WRL
R	0450	250 -OVC	20			116	56	26	02	04		996		WRL
R	0550	250 -OVC	20			122	53	27	26	02		997		WRL
R	0650	140 SCT E250 OVC	20			126	56	26	00	00		998	210 1027	WRL
R	0750	180 SCT E250 OVC	20			134	62	26	11	02		000		WRL
R	0850	180 SCT 250 -OVC	20			131	71	28	00	00		001		WRL
R	0950	160 SCT 250 -OVC	20			129	77	28	21	02		001	103 1047 52	WRL
R	1050	250 -OVC	20			130	78	28	22	02		001		WRL
R	1150	250 -OVC	20			129	80	25	25	05		000		WRL
R	1250	250 -OVC	20			127	81	25	16	07		000	602 1007	WRL
R	1350	250 -OVC	20			127	80	22	05	04		000		WRL
R	1450	250 -OVC	20			129	60	21	22	05		999		WRL
R	1550	250 -OVC	20			136	19	25	24	04		000	502 1007 83 RADAT 25126	LEF
R	1649	E250 OVC	20			132	75	28	23	04		000		LEF
R	1748	E250 OVC	20			140	71	24	30	02		002		LEF
R	1850	E250 OVC	20			149	66	24	02	06		004	312 1007	LEF
R	1948	E250 OVC	20			149	65	25	07	03		004		LEF
R	2049	250 -OVC	20			150	63	21	07	03		006		LEF
R	2150	250 -OVC	20			151	62	18	06	02		007	210 1007 83	LEF
R	2250	250 -OVC	20			154	60	19	09	02		008		LEF
R	2350	250 -OVC	20			155	60	19	10	02		008		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 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 OCT 17

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0049	26.535	60.4	44.0	23	10	10	CS	250												2	1	005			00-01
0150	26.540	56.2	42.0	28	10															2					01-02
0250	26.540	56.3	42.0	27	10															2					02-03
0350	26.545	57.1	43.3	30	10	10	CS	250												4	2	.010			03-04
0450	26.555	58.1	42.9	31	10															4					04-05
0550	26.565	53.3	41.7	36	10															5					05-06
0650	26.575	56.3	42.8	31	10	2	AS	160	10	CS	E250	10								7	2	.030			06-07
0750	26.595	61.7	45.4	26	10															6					07-08
0850	26.600	71.2	50.2	20	10															5					08-09
0950	26.600	76.9	52.6	17	10	1	AC	160	10	CS	250	10								4	1	.025			09-10
1050	26.600	79.2	53.0	16	10															4					10-11
1150	26.595	79.9	53.1	13	10															5					11-12
1250	26.595	80.5	53.2	13	10	10	CS	250												5	6	.005			12-13
1350	26.590	79.7	52.3	12	10															5					13-14
1450	26.580	80.4	52.3	11	10															5					14-15
1550	26.590	79.0	52.6	14	10	10	CS	250												5	5	005			15-16
1649	26.590	75.0	51.9	18	10															7					16-17
1748	26.610	71.4	49.2	17	10															7					17-18
1850	26.625	66.2	46.9	20	10	10	CU	E250												6	3	035			18-19
1948	26.630	63.3	46.9	22	10															6					19-20
2049	26.645	63.4	45.0	20	10															5					20-21
2150	26.655	61.8	43.6	18	10	10	CU	250												4	2	030			21-22
2250	26.660	60.0	43.0	20	10															5					22-23
2350	26.665	60.0	43.0	20	10															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		60	55										
	0349	1	0	0	0	65	55		0								
	0949	2	0	0	0	78	52		0								
	1549	3	0	0	0	83	77		0								
	2149	4	0	0	0	79	61		0								
	MID.		0	0	0	62	58										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.600	26.590	26.655
BAROGRAPH 64	26.525	26.600	26.575	26.640
BAR. CORR. 65	+.020	AS 0	+015	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
83	52	0	0	0	12	5	1440					10			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

* Barograph changed 0952

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: 1978 OCT 18

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	0048	250 -OVC	20			161	60	19	12	01		010	208 1007	LEF
R	0149	250 -BKN	20			162	58	21	05	03		010		LEF
R	0250	250 -SCT	20			163	56	20	34	02		010		LEF
R	0350	250 -Sct	20			169	53	21	36	02		011	303 1008 52 RADAT 36121	WRG
R	0450	250 -Sct	20			174	55	24	27	03		012		WRG
R	0550	250 Sct	20			176	52	22	00	00		012		WRG
R	0650	250 Sct	20			181	55	24	09	02		013	207 1008	WRG
R	0750	250 Sct	20			186	64	25	10	02		015		WRG
R	0850	250 -Sct	20			184	70	25	16	02		015		WRG
R	0950	250 -Sct	20			177	76	24	01	03		014	003 1004 50	WRG
R	1050	250-Sct 280-Sct	20			169	79	27	28	03		012	CC SW	WRG
R	1150	250 -Sct	20			161	81	25	21	06		010		WRG
R	1250	250 -BKN	20			152	82	25	20	09		008	720 1004	WRG
R	1350	250 -BKN	20			152	81	24	20	09	G19	007	Few CU DSNT NE	WRG
R	1450	250 -BKN	20			147	82	26	23	08		005	Few CU NE	WRG
R	1550	250 -BKN	20			151	80	26	24	10		006	505 1108 83 RADAT 47118	LEF
R	1649	250 -BKN	20			155	77	28	26	04		007		LEF
R	1748	250 -BKN	20			165	72	27	35	02		009		LEF
R	1850	250 -BKN	20			168	70	25	08	03		010	212 1008	LEF
R	1948	250 -BKN	20			167	68	26	36	05		010		LEF
R	2050	E250 OVC	20			166	66	29	11	04		011		LEF
R	2150	E250 OVC	20			170	67	27	10	02		013	308 1007 83	LEF
R	2249	E250 OVC	20			170	65	28	35	03		013		LEF
R	2350	E250 OVC	20			173	65	28	18	02		014		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 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 OCT 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 48	26.680	59.7	42.7	20	10	10	CL	250												3	2	025			00-01
01 49	26.680	58.0	42.3	23	6															1					01-02
02 50	26.680	55.5	41.0	25	5															1					02-03
03 50	26.690	53.4	40.0	28	3	3	CS	250												1	3	.010			03-04
04 50	26.700	55.1	41.6	30	2															1					04-05
05 50	26.700	52.2	39.7	30	3															2					05-06
06 50	26.710	55.4	41.7	29	3	3	CS	250												2	2	.020			06-07
07 50	26.730	57.7	46.1	23	2															2					07-08
08 50	26.730	69.7	48.6	19	3															1					08-09
09 50	26.720	75.6	51.1	15	5	5	CI	250												2	0	.010			09-10
10 50	26.700	79.5	52.8	16	5															2					10-11
11 50	26.680	81.3	53.6	13	4															2					11-12
12 50	26.660	81.8	53.5	12	7	7	CI	250												3	7	.060			12-13
13 50	26.655	81.2	53.3	12	6															3					13-14
14 50	26.640	74.6	53.9	13	6															3					14-15
15 50	26.645	79.8	53.3	14	8	0	CU	100	8	CL	250	8								4	5	015			15-16
16 49	26.655	76.8	52.4	16	8															4					16-17
17 48	26.670	72.0	50.3	19	8															4					17-18
18 50	26.680	69.7	48.9	19	8	8	CU	250												4	2	035			18-19
19 48	26.680	68.0	48.3	21	9															4					19-20
20 50	26.690	65.9	48.2	25	10															7					20-21
21 50	26.705	66.8	48.0	22	10	10	CU	E250												8	3	025			21-22
22 49	26.710	65.0	47.5	25	10															8					22-23
23 50	26.720	64.5	47.3	26	10															8					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 03	X	0	0	X	60	52	X	X						X		
	03-06	1	0	0	0	62	52		0								
	0948	2	0	0	0	76	50		0								
	1545	3	0	0	0	83	76		0								
	2145	4	0	0	0	80	65		0								
	MID.	X	0	0	0	67	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.720	26.645	26.705
BAROGRAPH 64	26.680	26.715	26.645	26.685
BAR. CORR. 65	+.010	+.005	±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
83	50	0	0	0	19	SW	1345					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:

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 OCT 19

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	0048	E250 OVC	20			176	67	33	02	16	22	015	208 1007	LEF
R	0147	E250 OVC	20			173	66	33	02	14		014	BINOVC SW	LEF
R	0247	160 SCT E250 OVC	20			173	65	34	03	07		014	BINOVC SW	LEF
R	0350	E250 OVC	20			177	65	36	02	08		015	500 1007 64 RADAT 75114	CRD
R	0449	E250 OVC	20			183	64	35	03	04		016		CRD
R	0550	E250 BKN	20			189	62	34	36	06		017		CRD
R	0645	E250 BKN	20			194	65	37	09	04		018	210 1008	CRD
R	0748	160 SCT 250 SCT	20			195	68	36	01	10		019		CRD
R	0849	250 SCT	20			196	72	35	10	03		019		CRD
R	0949	250 SCT	20			189	75	36	12	10		017	803 1008 61	CRD
R	1046	250 SCT	20			185	79	34	13	10		017		CRD
R	1147	E 250 BKN	20			176	80	33	14	07		015	CU AC SE	CRD
R	1245	250-OVC	20			165	81	30	05	03		012	817 1137	CRD
R	1347	250-OVC	20			157	83	30	23	11		010	CU SE	CRD
R	1449	70 SCT 250-OVC	20			153	82	29	23	07		008		CRD
R	1548	70 SCT 250-OVC	20			150	80	28	21	10		007	614 1107 84 RADAT 62117	RK
R	1645	70 SCT E250 OVC	20			150	79	28	21	06		007		RK
R	1745	E250 OVC	20			152	74	30	16	04		007		RK
R	1847	E250 OVC	20			156	73	30	27	02		008	302 1107	RK
R	1950	E250 OVC	20			160	71	28	03	03		009		RK
R	2049	E250 OVC	20			152	75	30	26	04		008		RK
R	2145	120 SCT E250 OVC	20			148	72	27	11	08		007	803 1057 84	RK
R	2248	120 SCT E250 OVC	20			141	72	27	18	03		006		RK
R	2345	90 SCT E250 OVC	20			139	73	37	10	11		006		RK

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 $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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 OCT 19

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.730	67.1	50.0	28	10	10	Cu	E250												7	2	025			00-01
01 47	26.720	66.3	49.5	29	10															7					01-02
02 47	26.720	65.3	49.4	31	10															7					02-03
03 50	26.730	65.3	50.1	34	10	10	Cs	E250												7	5	000			03-04
04 49	26.735	65.6	49.0	34	10															8					04-05
05 50	26.745	62.2	48.2	35	8															7					05-06
06 45	26.760	64.8	50.2	35	6	6	Cs	E250												5	2	030			06-07
07 48	26.765	67.5	51.0	31	5															4					07-08
08 49	26.770	71.7	52.5	26	2															2					08-09
09 49	26.750	75.0	54.0	24	1	1	Cs	250												1	8	010			09-10
10 46	26.750	78.8	55.1	20	1															1					10-11
11 47	26.725	79.9	55.1	18	7															5					11-12
12 45	26.700	81.0	54.8	16	10	0	Cu	80	0	Ac	160	0	10	Cs	250	10				4	8	050			12-13
13 47	26.680	82.5	55.2	15	10															4					13-14
14 45	26.670	82.1	54.9	15	10															5					14-15
15 48	26.660	80.2	54.0	15	10	1	Cu	70	9	Cs	250	10								5	6	040			15-16
16 45	26.655	78.5	53.3	16	10															7					16-17
17 45	26.655	74.2	51.9	19	10															7					17-18
18 47	26.665	72.6	51.4	21	10	0	Cu	70	10	Cs	E250	10								7	3	005			18-19
19 50	26.675	71.0	50.2	20	10															7					19-20
20 49	26.665	74.6	52.0	19	10															8					20-21
21 45	26.655	72.1	50.3	19	10	2	Ac	120	8	Cs	E250	10								9	8	010			21-22
22 48	26.645	72.1	50.3	19	10															9					22-23
23 45	26.645	72.7	53.5	27	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	69	64	X	X						X		
	0345	1	0	0	0	69	64		0								
	0945	2	0	0	0	76	61		0								
	1545	3	0	0	0	84	75		0								
	2145	4	0	0	0	80	70		0								
	MID.	X	0	0	0	73	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.750	26.660	26.655
BAROGRAPH 64	26.710	26.745	26.650	26.645
BAR. CORR. 65	+020	+005	+010	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
84	61	0	0	0	25	S	1447					8			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

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: 1978 OCT 2 0

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)	OBS. SERVER'S INITIALS (15)
R	0045	E90 BKN 250 OVC	20			145	70	41	15	08		007	500 1097	RK
R	0145	50SCT E90 OVC	20		R-	146	66	49	09	08		007	RB05	RK
R	0245	E35 BKN 80 OVC	20		R-	153	61	53	11	06		008		RK
Rs	0349	E25 BKN 40 OVC	20		R-	158	59	55	20	04		008	30508 17// 58 20008	CRD
/													RADAT 96099	/
R	0448	E25 BKN 40 OVC	15		R-	153	57	56	30	08		007		CRD
R	0546	15 SCT E25 BKN 80 OVC	15		R-	159	58	56	10	07		008		CRD
Rs	0649	15 SCT E30 BKN 90 OVC	10		R-	163	58	56	10	04		008	50012 177/	CRD
R	0745	15 SCT E30 OVC	10		R-	166	58	56	10	06		010		CRD
Rs	0845	15 SCT 30 SCT E80 OVC	15		R-	165	59	54	01	05		011		CRD
Rs	0946	15 SCT E30 BKN 80 OVC	15		R-	165	60	55	34	05		010	00314 127/ 57	CRD
Rs	1045	15 SCT 30 SCT E80 OVC	20		R-	159	61	53	04	04		008		CRD
R	1145	15 SCT 30 SCT E80 BKN 250 OVC	15		R-	153	60	55	11	04		006		CRD
R	1247	15 SCT 30 SCT E80 OVC	10		RW-	148	58	55	06	08		004	RW-OCNLY RW/71710 177/	CRD
R	1346	15 SCT 40 SCT E80 OVC	20			143	58	55	10	08		003	RE40 RWU E	CRD
R	1445	15 SCT 40 SCT E80 OVC	20			140	61	52	09	09		001	BINOVC SW RWU SE	CRD
R	1545	40 SCT E80 BKN	20			138	61	51	09	10		000	61214 1270 62	RK
/													RADAT 91107	/
R	1645	40 SCT E80 BKN	20			136	60	50	11	09		999		RK
R	1745	40 SCT E90 BKN	20			136	59	51	10	07		999		RK
R	1845	40 SCT E90 OVC	20			136	59	52	13	04		999	603 147/	RK
R	1947	40 SCT 90 SCT	20			136	59	52	32	02		999		RK
R	2045	90 SCT	20			141	57	52	11	03		000		RK
R	2148	90 SCT	20			143	56	52	09	05		001	305 1430 73	RK
R	2245	120 SCT	20			140	56	52	09	06		000		RK
R	2345	120 SCT	20			138	54	51	36	02		999		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_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: 1978 OCT 20

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.655	70.3	54.1	35	10	6	Ac	E90	4	Cs	250	10								10	5	000			00-01
01 45	26.655	66.4	55.9	53	10															10					01-02
02 45	26.665	60.5	55.8	76	10															10					02-03
03 49	26.670	58.6	56.3	87	10	6	CuFRA	E25	4	Cu	40	10								10	3	015			03-04
04 48	26.655	57.2	56.2	94	10															10					04-05
05 46	26.665	57.8	56.4	92	10															10					05-06
06 49	26.670	57.6	56.4	93	10	5	CuFRA	15	2	Cu	E30	7	3	Ac	90	10				10	5	000			06-07
07 45	26.680	57.7	56.3	92	10															10					07-08
08 45	26.685	59.0	56.0	84	10															10					08-09
09 46	26.680	60.1	57.0	84	10	4	CuFRA	15	4	Cu	E30	8	2	Ac	80	10				10	0	010			09-10
10 45	26.665	61.2	56.2	74	10															10					10-11
11 45	26.650	59.9	56.9	84	10															10					11-12
12 47	26.630	57.8	56.0	90	10	3	CuFRA	15	2	Cu	30	5	5	Ac	E80	10				10	7	050			12-13
13 46	26.615	58.1	56.4	91	10															10					13-14
14 45	26.600	61.1	55.8	73	10															10					14-15
15 45	26.595	61.4	55.3	69	6	0	CuFRA	15	2	Cu	40	2	4	Ac	E80	6				6	6	035			15-16
16 45	26.585	60.4	54.2	68	6															6					16-17
17 45	26.585	59.0	54.2	74	7															7					17-18
18 45	26.585	59.3	54.8	76	10	4	Sc	40	6	Ac	E90	10								10	6	010			18-19
19 47	26.585	58.8	54.8	79	3															3					19-20
20 45	26.595	57.2	54.1	83	2															2					20-21
21 48	26.600	56.2	53.7	86	1	0	Sc	35	1	Ac	90	1								1	3	015			21-22
22 45	26.595	55.8	53.3	86	1															1					22-23
23 45	26.585	54.3	52.2	88	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		.08	0		73	58										
	0345	1	.08	0	0	73	58		2								
	0944	2	.14	0	0	60	57		2								
	1542	3	.14	0	0	62	57		2								
	2146	4	0	0	0	62	56		2								
	MID.		0	0	0	57	54										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.680	26.595	26.600
BAROGRAPH 64	26.680	26.670	26.595	26.580
BAR. CORR. 65	-010	+010	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
73	54	.36	0	0	17	E	0202					10			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0105	1210			
RW-	1210	1225			
RW	1225	1230			
RW-	1230	1340			

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 OCT 2 1

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)	SIGNERS INITIALS (15)
R	0045	120 SCT	20			135	53	50	01	03		998	808 1030	RK
R	0145	120 SCT	20			133	52	49	14	04		997		RK
R	0245	120 SCT E250 BKN	20			127	52	50	35	04		996		RK
R	0350	120 SCT 300-OVC	20			124	52	50	07	03		995	710 1537 50 20028	CRD
													RADAT 71106	
R	0445	120 SCT 300-OVC	20			122	51	50	35	02		994		CRD
R	0545	120 SCT 300-OVC	20			121	51	49	17	02		994	SC SE	CRD
R	0645	E 300 BKN	20			121	51	50	06	02		994	603 1538	CRD
R	0745	300-OVC	20			124	53	49	12	03		995	SC AC SE	CRD
R	0847	300-BKN	20			118	61	51	35	05		994	SC AC SE	CRD
R	0948	E 300 BKN	20			112	63	50	34	05		993	803 1108 50	CRD
R	1047	300-BKN	20			106	66	49	01	05		991	CU SE	CRD
R	1146	300-BKN	20			094	68	45	01	05		987	CU ALQDS	CRD
R	1249	60 SCT 300-BKN	20			086	71	42	32	02		985	722 1208	CRD
R	1345	60 SCT 300-BKN	20			080	73	37	31	04		984		CRD
R	1449	300-BKN	20			076	74	39	27	02		983	CU ALQDS	CRD
R	1545	300-BKN	20			076	75	44	11	02		983	607 1201 75	RK
													RADAT 78106	
R	1645	300-SCT	20			082	71	43	16	02		984		RK
R	1750	300-SCT	20			091	65	48	11	05		986		RK
R	1845	CLR	20			097	63	46	10	04		987	312 1001	RK
R	1945	300-SCT	20			099	62	46	09	03		988		RK
R	2045	300-SCT	20			102	61	50	02	02		990		RK
R	2145	CLR	20			105	60	46	05	02		991	212 1001 75	RK
R	2245	CLR	20			111	58	41	02	05		993		RK
R	2345	300-SCT	20			115	60	34	03	10		995		RK

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 $6P_oP_oP_oP_o$ $7RRR_rs$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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 OCT 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 45	26.575	52.8	50.9	88	1	1	Ac	120												1	8	025			00-01
01 45	26.565	51.6	50.0	90	1															1					01-02
02 45	26.555	51.8	50.6	92	7															6					02-03
03 50	26.545	51.8	50.6	92	10	0	Sc	60	1	Ac	120	1	9	Cs	300	10				3	7	030			03-04
04 45	26.540	50.8	50.4	98	10															3					04-05
05 45	26.535	50.7	50.0	95	10															5					05-06
06 45	26.535	51.0	50.5	97	8	0	Sc	60	0	Ac	120	0	8	Cs	E300	8				5	6	010			06-07
07 45	26.545	53.1	50.9	87	10															4					07-08
08 47	26.540	60.7	55.1	71	8															3					08-09
09 48	26.525	63.2	55.2	61	8	0	Cu	60	8	Cs	E300	8								5	8	010			09-10
10 49	26.510	66.2	55.8	53	8															4					10-11
11 46	26.480	68.3	55.0	43	7															3					11-12
12 49	26.460	71.1	54.8	35	7	1	Cu	60	6	Cs	300	7								3	7	065			12-13
13 45	26.450	72.9	53.7	27	7															3					13-14
14 49	26.440	74.3	55.0	28	6															3					14-15
15 45	26.440	74.6	57.0	35	6	0	Cu	60	6	Ci	300	6								3	6	020			15-16
16 45	26.450	71.2	55.0	36	4															1					16-17
17 50	26.465	65.1	55.1	54	4															1					17-18
18 45	26.475	62.8	53.1	54	0	0	Ci	300												0	3	035			18-19
19 45	26.485	62.2	52.8	54	2															1					19-20
20 45	26.500	60.7	54.1	67	2															1					20-21
21 45	26.510	59.8	51.9	60	0	0	Ci	300												0	2	035			21-22
22 45	26.530	58.1	48.8	52	0															0					22-23
23 45	26.545	60.2	47.1	37	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	54	50	X	X						X		
	0345	1	0	0	0	57	50		1								
	0945	2	0	0	0	64	50		1								
	1542	3	0	0	0	75	63		1								
	2143	4	0	0	0	75	58		1								
	MID.	X	0	0	0	61	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.525	26.440	26.510
BAROGRAPH 64	26.530	26.525	26.420	26.495
BAR. CORR. 65	+015	0	+020	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
75	50	0	0	0	15	NE	2354					7			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

* BAROGRAPH CHART CHANGED "0" Corr.

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 OCT 2 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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SYNOPTIC INITIALS (15)
R	0045	300 - SCT	20			121	60	31	05	12		997	219 1001	RX
R	0145	300 - SCT	20			125	60	31	03	11		998		RX
R	0245	300 - SCT	20			124	60	30	03	15		998		RX
R	0346	240 - SCT	20			133	59	31	03	12		001	212 1001 57 RADAT 52104	JD
R	0450	240 - SCT	20			141	57	32	03	11		003		JD
R	0547	CLR	20			154	57	32	04	11		005		JD
R	0647	CLR	20			163	59	32	04	13		007	220 1001	JD
R	0748	CLR	20			174	61	30	03	12		011		JD
R	0845	CLR	20			182	63	29	03	10		014		JD
R	0946	CLR	20			179	65	27	03	12		013	117 1101 56	JD
R	1048	CLR	20			176	68	24	04	12		012		JD
R	1146	CLR	20			165	71	22	01	11	G24	010		JD
R	1246	CLR	20			160	72	18	01	15		007	715 1100	JD
R	1347	CLR	20			152	74	14	01	14		006		JD
R	1450	CLR	20			153	73	13	03	13		006	~~PK WND 0128/42~~ /	JD
R	1546	CLR	20			154	70	18	01	19	G28	006	605 75 RADAT 31101	008
R	1644	CLR	20			160	69	19	03	12	G18	007		008
R	1747	CLR	20			167	65	25	05	11		008		008
R	1848	CLR	20			175	61	27	02	09		011	314	008
R	1947	CLR	20			183	59	28	04	10		013		008
R	2046	CLR	20			189	60	23	01	10		015		008
R	2147	CLR	20			190	63	18	04	11		016	117 75	008
R	2248	CLR	20			194	59	21	35	12		017		008
R	2345	CLR	20			197	58	18	04	07		018		008

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 $9S_oS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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 OCT 22
To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.565	60.3	46.3	33	3	3	Ci	300												1	2	053			00-01
01 45	26.575	60.1	46.0	32	4															1					01-02
02 45	26.575	59.9	45.8	32	4															1					02-03
03 46	26.600	59.4	45.8	34	2	2	Ci	240												0	2	.035			03-04
04 50	26.615	57.0	45.1	39	1															0					04-05
05 47	26.635	56.3	45.0	39	0															0					05-06
06 47	26.660	58.5	45.5	37	0	0	Ci	240												0	2	.060			06-07
07 48	26.690	60.5	46.1	32	0															0					07-08
08 45	26.715	63.0	46.9	28	0															0					08-09
09 46	26.710	65.4	47.5	24	0	0	Cu	100	0	Ci	250	0								0	1	.050			09-10
10 48	26.700	68.2	47.9	19	0															0					10-11
11 46	26.680	70.9	48.6	16	0															0					11-12
12 46	26.665	71.8	48.2	13	0	0	Cu	90												0	7	.045			12-13
13 47	26.650	74.1	48.4	10	0															0					13-14
14 50	26.650	73.0	47.8	10	0															0					14-15
15 46	26.650	70.3	47.4	13	0															0	6	.05			15-16
16 44	26.660	68.8	47.0	15	0															0					16-17
17 47	26.670	64.6	46.4	22	0															0					17-18
18 48	26.690	60.5	45.2	28	0															0	3	.040			18-19
19 47	26.710	58.7	44.6	31	0															0					19-20
20 46	26.730	50.2	44.0	24	0															0					20-21
21 47	26.740	62.9	44.2	18	0															0	1	.050			21-22
22 48	26.750	59.3	43.0	23	0															0					22-23
23 45	26.760	57.9	41.6	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 0342	X	0	0	X	61	59	X	X						X		
	0342	1	0	0	0	61	57		1								
	0944	2	0	0	0	65	56		0								
	1544	3	0	0	0	75	65		0								
	2145	4	0	0	0	72	58		0								
	MID.	X	0	0	0	63	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.710	26.650	26.740
BAROGRAPH 64	26.585	26.705	26.640	26.720
BAR. CORR. 65	+.015	+.005	+.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
75	56	0	0	0	28	N	1542					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 OCT 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)	(15)
R	0047	CLR	20		20	~~124~~	58	15	36	16		019	210	008
R	0145	CLR	20		20	~~124~~	56	18	01	15		019		008
R	0246	CLR	20			196	57	13	36	19G30		018	PK WND 36~~49~~30/45	008
R	0346	CLR	20			196	55	14	03	16		018	805 55 RADAT 21104	JD
R	0446	CLR	20			199	54	14	02	15		018		JD
R	0546	CLR	20			204	54	12	03	10		019		JD
R	0646	CLR	20			203	55	13	04	14		018	000	JD
R	0747	CLR	20			206	60	15	04	12		019		JD
R	0846	CLR	20			202	62	13	01	15		019		JD
R	0947	CLR	20			195	66	14	04	17		018	000 1050 52	JD
R	1045	CLR	20			194	69	23	05	14	G26	017	PK WND 0428/18	JD
R	1146	CLR	20			184	70	23	03	16		015	PK WND 0426/01	JD
R	1248	CLR	20			166	71	26	02	14		010	825 1140	JD
R	1346	CLR	20			158	73	28	03	14	G21	007		JD
R	1445	CLR	20			155	73	29	04	10	G18	006		JD
R	1548	CLR	20			152	72	30	05	12	G19	005	614 1050 74 RADAT 53111	008
R	1646	150-SCT 250-SCT	20			153	70	31	04	09		005		008
R	1747	250-SCT	20			159	68	32	04	08		006		008
R	1844	250 SCT	20			161	65	32	03	08		006	303 1002	008
R	1945	250 SCT	20			158	63	35	36	02		006		008
R	2047	250 SCT	20			156	62	32	03	10		006		008
R	2148	250 SCT	20			160	59	32	04	06		007	303 1002 74	008
R	2247	250 SCT	20			156	58	33	05	09		006		008
R	2348	250 SCT	20			148	60	27	04	09		004		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_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 OCT 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 47	26.770	58.0	41.0	18	0															0	2	.030			00-01
01 45	26.770	55.8	40.7	23	0															0					01-02
02 46	26.760	57.0	40.3	18	0															0					02-03
03 46	26.755	55.2	39.5	19	0															0	8	.015			03-04
04 46	26.755	54.0	38.8	20	0															0					04-05
05 46	26.765	53.8	38.4	19	0															0					05-06
06 46	26.755	54.6	39.0	19	0															0	0	.000			06-07
07 47	26.770	60.2	42.2	17	0															0					07-08
08 46	26.765	62.4	42.8	14	0															0					08-09
09 47	26.755	66.0	44.8	13	0	0	Ac	100												0	0	.000			09-10
10 48	26.750	68.8	47.9	18	0															0					10-11
11 46	26.725	70.0	48.5	17	0															0					11-12
12 48	26.680	70.8	49.6	19	0	0	Cu	90	0	Ac	140	0								0	8	.075			12-13
13 46	26.660	72.4	50.9	19	0															0					13-14
14 45	26.650	72.7	51.1	20	0															0					14-15
15 48	26.640	72.2	51.1	21	0	0	Ac	150												0	6	.040			15-16
16 46	26.640	70.4	50.6	23	3															1					16-17
17 47	26.650	67.9	50.0	27	3															1					17-18
18 44	26.650	65.0	48.8	30	3	3	ci	200												2	3	.010			18-19
19 45	26.650	62.6	48.5	35	2															2					19-20
20 47	26.650	62.2	47.4	32	2															2					20-21
21 48	26.660	59.2	46.2	36	2	2	ci	250												2	3	.010			21-22
22 47	26.650	58.0	46.0	37	2															2					22-23
23 48	26.630	60.0	45.0	29	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	59	55	X	X						X		
	0344	1	0	0	0	63	55		0								
	0945	2	0	0	0	66	52		0								
	1545	3	0	0	0	74	66		0								
	2145	4	0	0	0	73	59		0								
	MID.	X	0	0	0	60	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.755	26.755	26.640	26.660
BAROGRAPH 64	26.740	26.750	26.625	26.645
BAR. CORR. 65	+.015	+.005	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK 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
74	52	0	0	0	30	N	.0245					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

STATION: WSMO, DESERT ROCK

DATE: 1978 OCT 24

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)	QUALITY CONTROL INITIALS (15)
R	0046	250 SCT	20			139	59	27	04	07		002	817 1002	008
R	0147	250 SCT	20			140	55	35	13	03		002		008
R	0246	250 SCT	20			135	58	23	02	11		001		008
R	0348	CLR	20			126	56	29	05	07		998	712 1002 54 RADAT 66110	JD
R	0447	CLR	20			125	57	25	04	06		997		JD
R	0546	CLR	20			125	54	29	05	05		996		JD
R	0646	CLR	20			133	55	28	18	02		998	302 1072	JD
R	0747	CLR	20			133	62	26	03	08		999		JD
R	0849	CLR	20			128	66	29	02	06		998		JD
R	0947	CLR	20			125	69	30	02	04		997	803 1070 52	JD
R	1046	CLR	20			120	71	31	14	03		996		JD
R	1145	CLR	20			108	71	31	20	08		993		JD
R	1246	250 -SCT	20			096	72	32	22	09		990	724 1101	JD
R	1346	250 -SCT	20			090	73	31	21	11		987		JD
R	1448	250 -SCT	20			085	72	32	25	10		986		JD
R	1545	250 -SCT	20			085	72	27	22	09		986	712 1002 74 RADAT 34126	JD
R	1647	250 -SCT	20			089	67	30	23	06		987		008
R	1748	250 -SCT	20			099	65	36	23	04		988		008
R	1844	250 SCT	20			096	62	37	32	03		987	005 1002	008
R	1945	250 SCT	20			094	60	37	01	05		987		008
R	2047	250 SCT	20			097	58	38	36	05		988		008
R	2145	250 SCT	20			094	61	39	02	05		988	203 1002 74	008
R	2244	250 SCT	20			101	60	39	01	06		991		008
R	2345	250 SCT	20			104	60	37	04	04		992		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_dapp $6P_oP_oP_oP_o$ 7RRRis $8N_sCh$ 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 OCT 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 46	26.610	59.3	44.6	29	3	3	Ci	240												3	8	.050			00-01
01 47	26.610	54.9	45.2	47	3															3					01-02
02 46	26.600	58.4	43.0	25	3															3					02-03
03 48	26.575	56.2	43.8	36	0	0	Ci	250												0	7	.035			03-04
04 47	26.570	56.9	42.8	29	0															0					04-05
05 46	26.560	53.8	42.6	39	0															0					05-06
06 46	26.580	54.9	42.8	35	0	0	Ac	160	0	Ci	250	0								0	3	.005			06-07
07 47	26.590	62.1	45.6	25	0															0					07-08
08 49	26.580	65.6	47.9	25	0															0					08-09
09 47	26.570	69.1	49.7	23	0	0	Ac	160												0	8	.010			09-10
10 46	26.560	71.2	51.0	22	0															0					10-11
11 45	26.530	71.0	50.9	23	0															0					11-12
12 46	26.500	72.0	51.5	22	2	0	Cu	90	2	Ci	250	2								0	7	.070			12-13
13 46	26.480	72.7	51.5	21	5															1					13-14
14 48	26.470	72.2	51.6	22	4															1					14-15
15 45	26.465	71.9	50.1	18	2	2	Ci	250												0	7	.035			15-16
16 47	26.470	66.9	49.0	25	5															2					16-17
17 48	26.490	65.2	50.0	34	5															2					17-18
18 44	26.480	62.4	49.1	38	4	4	Ci	250												4	0	.015			18-19
19 45	26.480	59.8	48.2	43	4															4					19-20
20 47	26.490	57.6	47.6	48	4															4					20-21
21 45	26.490	60.5	49.2	45	4	4	Ci	250												4	2	.010			21-22
22 44	26.510	59.8	49.0	46	4															4					22-23
23 45	26.520	60.2	48.4	43	4															4					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	63	54	X	X						X		
	0344	1	0	0	0	63	54		0								
	0945	2	0	0	0	69	52		0								
	1542	3	0	0	0	74	69		0								
	2142	4	0	0	0	72	57		0								
	MID.	X	0	0	0	61	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1544	2142
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.570	26.465	26.490
BAROGRAPH 64	26.565	26.565	26.455	26.480
BAR. CORR. 65	+.010	+.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
74	52	0	0	0	18	SW	1228					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 OCT 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=360) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
R	0046	250 SCT	20			109	55	41	36	06		993	114 1002	CCB
R	0147	250 SCT	20			114	53	41	01	04		994		CCB
R	0247	250 SCT	20			115	52	43	01	04		994		CCB
R	0348	250 SCT	20			120	51	43	34	02		995	307 1002 50 RADAT 35119	GH
R	0451	250 SCT	20			126	51	45	13	01		996		GH
R	0547	250 SCT	20			136	49	43	12	03		998		GH
R	0650	CLR	20			144	51	44	36	02		001	217 1002	GH
R	0752	CLR	20			145	57	44	30	01		002		GH
R	0847	CLR	20			149	61	43	27	01		003		GH
R	0947	CLR	20			139	68	39	04	08		002	003 47	GH
R	1045	CLR	20			138	71	18	05	09		002		GH
R	1146	CLR	20			133	74	18	36	12		001		GH
R	1245	CLR	20			127	75	15	02	05		998	810 1001	GH
R	1348	250 - SCT	20			120	76	10	03	08		996		GH
R	1448	250 - SCT	20			121	76	9	04	11		996		GH
R	1549	250 - SCT	20			128	76	7	04	08		998	502 1001 77 RADAT 23135	MR
R	1649	250 SCT	20			134	71	25	06	09		999		MR
R	1746	CLR	20			140	69	25	09	10		000	FEW CL	MR
R	1845	CLR	20			150	65	24	03	04		003	315 1001	MR
R	1946	CLR	20			153	64	24	09	05		005		MR
R	2046	CLR	20			164	59	25	05	04		007		MR
R	2148	CLR	20			165	57	26	08	02		009	217 77	MR
R	2245	CLR	20			165	58	30	25	02		009		MR
R	2345	CLR	20			173	53	30	01	04		012		MR

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

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_Lh_hC_MC_H$ 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 OCT 25

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.530	54.6	47.4	60	4	4	Ci	250											4	1	.040			00-01
01	47	26.540	53.0	46.8	64	2										-				2					01-02
02	47	26.540	51.5	46.8	71	2														2					02-03
03	48	26.550	51.0	46.6	73	3	3	Ci	250											2	3	.020			03-04
04	51	26.560	50.8	47.0	79	3														2					04-05
05	47	26.580	48.7	45.6	80	1														1					05-06
06	50	26.600	51.0	47.0	76	0	1	Ci	250											0	2	.050			06-07
07	52	26.610	56.8	50.0	63	0														0					07-08
08	47	26.620	60.6	50.8	52	0														0					08-09
09	47	26.610	68.0	48.0	20	0														0	0	.010			09-10
10	45	26.610	71.3	48.0	13	0														0					10-11
11	46	26.600	74.4	49.3	12	0														0					11-12
12	45	26.580	75.0	49.0	10	0	0	Ci	250											0	8	.030			12-13
13	48	26.560	75.6	48.5	8	1														0					13-14
14	48	26.560	76.0	48.6	8	1														0					14-15
15	49	26.575	75.9	48.3	7	1	1	Ci	250											0	5	.005			15-16
16	49	26.585	71.4	49.6	18	1														1					16-17
17	46	26.595	69.1	48.6	19	0														0					17-18
18	45	26.620	65.3	46.6	21	0	0	Ci	250											0	3	.045			18-19
19	46	26.635	63.8	45.8	22	0														0					19-20
20	46	26.655	58.6	43.6	27	0														0					20-21
21	48	26.670	57.0	43.2	30	0														0	2	.050			21-22
22	45	26.675	57.5	44.6	35	0														0					22-23
23	45	26.695	53.3	42.7	41	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	60	50	X	X						X		
	0345	1	0	0	0	61	50		0								
	0945	2	0	0	0	69	47		0								
	1543	3	0	0	0	77	68		0								
	2143	4	0	0	0	76	56		0								
	MID.	X	0	0	0	58	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.610	26.575	26.670
BAROGRAPH 64	26.530	26.610	26.565	26.655
BAR. CORR. 65	+.020	±.00*	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
77	47	0	0	0	17	E	1611 ‡					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:

*NOTE: BAROGRAPH CHANGED 0955 PST

‡ LAST OF SEVERAL OCCURRENCES

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: 1978 OCT 26

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)	[illegible] (15)
R	0047	CLR	20			172	54	30	27	03		012	108	MR
R	0146	CLR	20			178	50	31	36	04		013		MR
R	0248	CLR	20			178	48	33	33	04		013		MR
R	0347	CLR	20			178	51	38	35	02		013	105 48 RADAT 21132	GH
R	0445	CLR	20			183	54	25	02	11		014		GH
R	0549	CLR	20			189	48	29	09	02		014		GH
R	0645	CLR	20			194	50	26	00	00		015	307	GH
R	0745	CLR	20			198	57	26	00	00		017		GH
R	0846	CLR	20			201	64	31	09	03		018		GH
R	0948	CLR	20			199	67	27	11	12		018	110 47	GH
R	1051	CLR	20			193	71	24	12	11		017		GH
R	1145	CLR	20			187	73	23	12	08		015		GH
R	1252	CLR	20			174	75	21	11	08		012	720	GH
R	1355	CLR	20			167	76	18	12	06		010		GH
R	1449	CLR	20			164	76	22	14	04		008		GH
R	1547	CLR	20			167	75	21	10	05		010	507 77 RADAT 21146	MR
R	1646	CLR	20			167	71	19	14	05		010		MR
R	1746	CLR	20			183	65	21	11	05		012		MR
R	1846	CLR	20			190	62	21	09	07		014	312	MR
R	1946	CLR	20			188	61	21	09	07		014		MR
R	2047	CLR	20			189	62	20	05	05		016		MR
R	2148	CLR	20			192	55	25	36	03		016	208 77	MR
R	2245	CLR	20			191	51	26	32	02		016		MR
R	2345	CLR	20			188	51	25	28	02		015		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 9SpSospsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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 OCT 26

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 47	26.695	54.0	43.0	40	0															0	1	.025			00-01
01 46	26.705	49.5	40.9	48	0											-				0					01-02
02 48	26.705	48.4	41.3	55	0															0					02-03
03 47	26.710	51.0	44.5	61	0															0	1	.015			03-04
04 45	26.720	53.8	41.2	32	0															0					04-05
05 49	26.720	47.9	39.4	47	0															0					05-06
06 45	26.730	49.5	39.5	40	0															0	3	.020			06-07
07 45	26.750	56.6	43.0	31	0															0					07-08
08 46	26.760	64.4	48.1	29	0															0					08-09
09 48	26.760	67.3	48.2	22	0															0	1	.030			09-10
10 51	26.750	71.0	49.0	17	0															0					10-11
11 45	26.730	72.5	49.5	15	0															0					11-12
12 52	26.700	74.5	50.0	14	0															0	7	.060			12-13
13 55	26.680	76.0	50.0	11	0															0					13-14
14 49	26.670	76.4	50.8	13	0															0					14-15
15 47	26.680	74.8	50.0	13	0															0	5	.020			15-16
16 46	26.680	71.1	48.1	14	0															0					16-17
17 46	26.700	65.0	45.7	18	0															0					17-18
18 46	26.715	61.7	44.2	21	0															0	3	.035			18-19
19 46	26.720	60.7	43.6	21	0															0					19-20
20 47	26.735	61.5	43.8	20	0															0					20-21
21 48	26.740	55.0	42.0	32	0															0	2	.025			21-22
22 45	26.735	51.4	40.4	37	0															0					22-23
23 45	26.730	51.3	40.1	36	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		54	48										
	0345	1	0	0	0	58	48		0								
	0945	2	0	0	0	68	47		0								
	1543	3	0	0	0	77	67		0								
	2143	4	0	0	0	75	55		0								
	MID.		0	0	0	56	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.760	26.680	26.740
BAROGRAPH 64	26.690	26.750	26.670	26.720
BAR. CORR. 65	+.020	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK 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
77	47	0	0	0	14	SE	1012 1/					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 OCCURANCES

☆ 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: [illegible], DESERT ROCK, NV
DATE: 1979 OCT 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 (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CHECKED BY (15)
R	0047	CLR	20			187	55	26	10	02		016	502	MR
R	0146	CLR	20			185	49	29	29	04		015		MR
R	0246	CLR	20			181	50	29	07	02		014		MR
R	0350	CLR	20			179	49	29	12	02		013	808 47 RADAT 22135	GH
R	0445	CLR	20			183	48	26	26	01		013		GH
R	0545	CLR	20			188	46	28	04	03		013		GH
R	0648	CLR	20			192	49	29	03	02		014	103	GH
R	0747	CLR	20			192	56	25	11	01		015		GH
R	0852	CLR	20			193	62	26	00	00		016		GH
R	0948	CLR	20			189	68	27	13	01		015	003 44	GH
R	1047	CLR	20			184	72	26	19	03		014		GH
R	1145	CLR	20			172	74	22	18	05		011		GH
R	1246	CLR	20			162	76	23	19	06		008	720	GH
R	1348	CLR	20			156	77	25	21	07		006		GH
R	1451	CLR	20			155	77	25	19	08		006		GH
R	1547	CLR	20			155	76	23	20	07		006	608 78 RADAT 29138	MR
R	1647	CLR	20			160	72	23	24	04		006		MR
R	1748	CLR	20			169	63	25	02	04		007		MR
R	1850	CLR	20			174	60	28	03	02		008	308	MR
R	1945	CLR	20			174	57	28	02	02		010		MR
R	2048	CLR	20			174	55	28	03	03		011		MR
R	2147	CLR	20			174	53	28	34	03		011	107 78	MR
R	2246	CLR	20			171	55	28	15	02		011		MR
R	2346	CLR	20			173	51	28	05	03		012		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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WEMO DESERT ROCK, NV
DATE: 1979 SEPT 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	26.735	54.7	42.0	33	0															0	5	.005			00-01
01 48	26.725	48.5	40.0	48	0															0					01-02
02 46	26.715	49.6	40.4	45	0															0					02-03
03 50	26.710	49.0	40.0	45	0															0	8	.025			03-04
04 45	26.710	47.6	38.5	43	0															0					04-05
05 45	26.710	45.8	38.2	50	0															0					05-06
06 48	26.720	48.9	40.0	46	0															0	1	.010			06-07
07 47	26.730	56.0	42.5	30	0															0					07-08
08 52	26.740	61.6	45.3	25	0															0					08-09
09 49	26.730	68.0	48.6	22	0															0	0	.010			09-10
10 47	26.720	72.4	50.1	17	0															0					10-11
11 45	26690	74.1	50.0	14	0															0					11-12
12 46	26670	76.2	51.0	14	0															0	7	.060			12-13
13 48	26.650	76.6	51.6	14	0															0					13-14
14 51	26.650	77.0	51.8	14	0															0					14-15
15 47	26.645	76.0	50.9	14	0															0	6	.025			15-16
16 47	26.650	71.9	49.2	16	0															0					16-17
17 48	26.660	63.1	45.9	24	0															0					17-18
18 50	26.670	59.5	44.8	29	0															0	3	.025			18-19
19 45	26.680	57.0	43.8	33	0															0					19-20
20 48	26.685	55.3	42.9	35	0															0					20-21
21 47	26.690	53.2	41.8	37	0															0	1	.020			21-22
22 46	26.690	55.1	42.8	35	0															0					22-23
23 46	26.695	57.2	40.8	40	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		0	0		55	47										
	0345	1	0	0	0	56	47		0								
	0945	2	0	0	0	69	44		0								
	1543	3	0	0	0	78	68		0								
	2143	4	0	0	0	76	52		0								
	MID.		0	0	0	55	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.730	26.645	26.690
BAROGRAPH 64	26690	26.720	26.630	26.670
BAR. CORR. 65	+.020	+.010	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	44	0	0	0	14	5	1345					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

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 OCT 28

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)	SUPPLEMENTAL DATA (15)
R	0046	CLR	20			173	50	27	34	04		012	102	MR
R	0146	CLR	20			175	48	27	19	03		012		MR
R	0246	CLR	20			172	49	28	10	07		011		MR
R	0348	CLR	20			172	49	27	35	02		011	602 46 RADAT 25132	GH
R	0450	CLR	20			175	47	27	35	02		011		GH
R	0547	CLR	20			184	46	28	00	00		012		GH
R	0651	CLR	20			193	48	28	00	00		014	310	GH
R	0745	CLR	20			195	55	26	30	02		015		GH
R	0845	CLR	20			192	63	26	20	01		015		GH
R	0948	CLR	20			186	69	26	31	02		014	000 43	GH
R	1047	CLR	20			179	73	24	30	02		013		GH
R	1145	CLR	20			167	76	22	19	03		010		GH
R	1245	CLR	20			155	78	23	19	07		006	724	GH
R	1348	CLR	20			149	77	23	16	04		004		GH
R	1451	CLR	20			144	78	23	22	06		003		GH
R	1547	CLR	20			145	77	23	24	08		003	610 80 RADAT 20141	MR
R	1646	CLR	20			149	72	24	22	05		003		MR
R	1747	CLR	20			155	67	25	10	05		004		MR
R	1846	CLR	20			158	62	25	12	04		004	303	MR
R	1948	CLR	20			157	57	26	02	02		004		MR
R	2046	CLR	20			156	56	25	04	04		005		MR
R	2146	CLR	20			151	57	25	09	04		005	002 80	MR
R	2249	CLR	20			149	53	25	09	02		004		MR
R	2345	CLR	20			146	52	24	08	04		004		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 $6P_oP_oP_oP_o$ 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 (JUL 28)
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	26.695	50.3	40.1	40	0															0	1	.005			00-01
01 46	26.700	48.1	39.0	44	0															0					01-02
02 46	26.690	49.3	39.9	43	0															0					02-03
03 48	26.690	49.0	39.5	42	0															0	6	.005			03-04
04 50	26.690	47.0	38.3	45	0															0					04-05
05 47	26.700	45.8	38.0	49	0															0					05-06
06 51	26.720	48.2	39.5	46	0															0	3	.030			06-07
07 45	26.730	54.6	42.0	33	0															0					07-08
08 45	26.730	63.0	46.0	24	0															0					08-09
09 48	26.720	69.2	48.8	20	0															0	0	.000			09-10
10 47	26.710	73.0	50.0	16	0															0					10-11
11 45	26.680	75.9	50.7	13	0															0					11-12
12 45	26.650	77.5	51.5	13	0															0	7	.070			12-13
13 48	26.630	77.2	51.5	13	0															0					13-14
14 51	26.620	78.4	52.0	13	0															0					14-15
15 47	26.620	77.3	51.6	13	0															0	6	.030			15-16
16 46	26.620	72.4	49.6	16	0															0					16-17
17 47	26.630	67.0	47.5	20	0															0					17-18
18 46	26.630	62.1	45.4	24	0															0	3	.010			18-19
19 48	26.630	57.3	43.3	30	0															0					19-20
20 46	26.640	56.0	42.4	30	0															0					20-21
21 46	26.635	56.8	42.9	30	0															0	0	.005			21-22
22 49	26.630	52.8	40.8	34	0															0					22-23
23 45	26.625	52.0	40.2	34	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	51	46	X	X						X		
	0348	1	0	0	0	55	46		0								
	0948	2	0	0	0	70	43		0								
	1543	3	0	0	0	80	69		0								
	2143	4	0	0	0	78	56		0								
	MID.	X	0	0	0	57	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.720	26.620	26.635
BAROGRAPH 64	26.670	26.720	26.605	26.620
BAR. CORR. 65	+0.20	+0	+0.15	+0.15

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
80	43	0	0	0	15	W	1218					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 OCT 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 (01-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	[illegible] (15)
R	0046	CLR	20			143	49	25	32	02		003	807	HS
R	0145	CLR	20			139	50	24	04	03		002		HS
R	0245	CLR	20			136	48	25	11	02		000		HS
R	0349	CLR	20			129	49	26	01	04		999	712 46 RADAT 20140	HS
R	0447	CLR	20			126	52	29	35	03		998		HS
R	0550	250 -SCT	20			130	51	26	32	04		998		HS
R	0650	250 -SCT	20			140	52	27	27	02		000	303 1001	HS
R	0745	250 -SCT	20			145	57	28	32	04		001		HS
R	0847	250 -BKN	20			142	62	28	26	02		001		HS
R	0951	250 -SCT	20			135	67	27	22	02		000	000 1006 46	HS
R	1045	250 -SCT	20			128	70	28	31	04		998		HS
R	1150	250 -SCT	20			114	72	27	26	04		994		HS
R	1247	250 -SCT	20			101	74	27	17	04		990	830 1005	HS
R	1348	250 -SCT	20			094	76	22	20	10		988		HS
R	1445	250 - SCT	20			091	77	19	19	13		988		HS
R	1549	250 SCT	20			091	75	18	19	13		987	708 1004 78 RADAT 22128	[illegible]
R	1649	250 -BKN	20			093	69	18	17	06		987		[illegible]
R	1747	250 -SCT	20			094	64	20	09	03		986		[illegible]
R	1847	250 -SCT	20			090	63	21	10	02		985	805 1001	[illegible]
R	1947	250 -SCT	20			092	61	22	09	05		986		[illegible]
R	2046	250 -SCT	20			091	58	23	05	04		986		[illegible]
R	2148	250 SCT	20			083	60	24	36	04		985	000 1001 78	[illegible]
R	2246	250 -SCT	20			080	60	27	32	02		985		[illegible]
R	2348	250 - SCT	20			077	63	30	04	02		985		[illegible]

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 $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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] FORT ROCK, NV
DATE: [illegible] 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 46	26.615	48.9	38.9	39	0															0	8	.020			00-01
01 45	26.605	50.2	39.3	36	0															0					01-02
02 45	26.595	47.7	38.2	41	0															0					02-03
03 49	26.580	49.4	39.4	40	0															0	7	.035			03-04
04 47	26.570	51.8	41.7	42	0															0					04-05
05 50	26.576	50.6	40.0	38	3															0					05-06
06 50	26.590	52.1	41.0	37	5	5	Ci	250												0	3	.010			06-07
07 45	26.600	57.1	43.9	33	4															0					07-08
08 47	26.600	61.6	45.8	27	6															1					08-09
09 51	26.590	67.0	48.0	22	5	5	Ci	250												0	0	.000			09-10
10 45	26.570	70.4	49.8	20	3															0					10-11
11 50	26.535	72.2	50.4	19	2															0					11-12
12 47	26.500	73.7	50.9	17	1	1	Ci	250												0	8	.090			12-13
13 48	26.485	75.6	50.7	14	1															0					13-14
14 45	26.480	77.1	50.7	11	1															0					14-15
15 49	26.475	74.6	49.3	12	5	5	Ci	250												3	7	.025			15-16
16 49	26.475	69.2	47.1	14	8															3					16-17
17 47	26.470	64.2	45.1	18	5															2					17-18
18 47	26.460	62.5	44.6	20	3	3	Ci	250												1	8	.015			18-19
19 47	26.470	61.2	44.1	22	3															1					19-20
20 46	26.470	58.1	42.9	25	3															1					20-21
21 48	26.460	59.9	44.0	25	3	3	Ci	250												2	0	.000			21-22
22 46	26.455	59.8	44.8	28	4															2					22-23
23 48	26.455	62.6	46.9	29	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	54	46	X	X						X		
	0344	1	0	0	0	57	46		0								
	0946	2	0	0	0	69	49		0								
	1545	3	0	0	0	78	67		0								
	2145	4	0	0	0	75	57		0								
	MID.	X	0	0	0	64	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.590	26.475	26.460
BAROGRAPH 64	26.565	26.590	26.490	26.480
BAR. CORR. 65	+.015	*0	-.015	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
78	46	0	0	0	20	S	1356					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:

* BAROGRAPH CHANGED ZERO CORRECTION

☆ 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: 1978 OCT 30

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	0047	250 -SCT	20			074	64	29	20	14	G20	984	703 1001	LL
R	0146	250 -BKN	20			070	63	29	18	07		983		LL
R	0249	250 -BKN	20			073	56	29	03	08		983		LL
R	0349	250 -BKN	20			069	55	32	36	05		982	808 1006 54 RADAT 37106	HS
R	0448	250 -BKN	20			075	54	31	02	05		982		HS
R	0550	250 -SCT	20			079	58	33	15	02		983		HS
R	0647	CLR	20			087	56	32	32	04		986	312 1005	HS
R	0747	CLR	20			092	60	31	23	06		987		HS
R	0847	CLR	20			099	62	31	24	06		989		HS
R	0947	CLR	20			099	64	31	21	10		989	112 1100 53	HS
R	1047	CLR	20			092	67	31	20	15		988	CU NE-SE	HS
R	1147	80 SCT	20			081	67	31	19	13	G20	985		HS
R	1248	80 SCT	20			076	71	30	20	14	G22	984	HVY CU NE/ 615 1200	HS
R	1347	80 SCT	20			071	70	31	19	14	G24	983	PK WND 1826/30	HS
R	1446	E80 BKN	20			080	69	32	20	13	G23	984	PK WND 1827/27	HS
R	1549	E80 BKN 250 BKN	20			092	65	31	21	12		986	307 1201 71 RADAT 68100	LL
R	1647	E80 BKN 250 BKN	20			090	62	33	24	05		985		LL
R	1747	E80 OVC	20		RW-	093	61	34	26	02		987	RB39	LL
R	1847	E80 BKN	20			103	57	43	16	02		988	RE 25 LTG DSNT NW/	LL
—	—	—	—			—	—	—	—	—	—	—	30701 1200	/
R	1946	E80 BKN	20			103	58	41	36	03		990	LTG DSNT W-N-E	LL
R	2047	E70 OVC	20		RW-	129	52	39	29	11		996	RB03 OCNL LTG DSNT NW-NE	LL
R	2149	E40 OVC	10		R-	142	47	42	21	05		999	33405 17// 71	LL
R	2246	E50 OVC	15		R-	144	47	44	23	07		001		LL
RS	2347	W9X	7		R	152	46	45	25	02		003		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.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 OCT 30

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.450	53.5	47.0	27	3	3	Ci	250												1	7	.010			00-01
01 46	26.440	53.0	46.8	27	6	[illegible]														3					01-02
02 49	26.440	55.9	43.6	36	8															4					02-03
03 49	26.425	55.3	44.1	40	8	8	Ci	250												3	8	.025			03-04
04 48	26.430	54.2	43.3	41	7															2					04-05
05 50	26.440	57.8	45.7	39	2															0					05-06
06 47	26.460	56.4	44.7	39	0	0	Ci	250												0	3	.035			06-07
07 47	26.475	60.3	46.3	33	0															0					07-08
08 47	26.490	62.0	47.0	31	0															0					08-09
09 47	26.490	63.6	47.8	30	0	0	Cu	80												0	1	.035			09-10
10 47	26.480	66.5	49.1	27	0															0					10-11
11 47	26.455	67.4	49.5	26	1															1					11-12
12 48	26.450	70.8	50.4	22	3	3	Cu	80												3	6	.045			12-13
13 47	26.435	70.4	50.7	23	4															4					13-14
14 46	26.450	69.0	50.3	25	6															6					14-15
15 49	26.470	64.6	48.1	28	6	6	Cu	80	0	Ci	250	6								6	3	.020			15-16
16 47	26.460	61.8	47.6	34	6															6					16-17
17 47	26.475	61.1	47.6	36	10															10					17-18
18 47	26.490	57.2	49.6	60	6	6	Cu	E80												6	3	.020			18-19
19 46	26.500	58.2	49.0	53	8															7					19-20
20 47	26.560	52.0	45.2	60	10															10					20-21
21 49	26.590	47.4	44.7	82	10	10	Cu RA	E40												10	3	.100			21-22
22 46	26.600	46.6	45.4	92	10															10					22-23
23 47	26.620	45.6	45.0	96	10															10					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	64	54	X	X						X		
	0344	1	0	0	0	64	54		0								
	0942	2	0	0	0	64	53		0								
	1545	3	0	0	0	71	63		0								
	2145	4	.05	0	0	65	46		2								
	MID.	X	.08	0	0	48	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.425	26.495	26.470	26.590
BAROGRAPH 64	26.420	26.510	26.470	26.600
BAR. CORR. 65	+.005	-.015	±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
71	45	+13	0	0	27	5	1427					2			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1739	1825			
RW-	2003	2115			
R-	2115	2310			
R	2310	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

☆ 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: 1978 OCT 31

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)	SOIL SURVEYS INITIALS (15)
RS	0049	E25 OVC	15		R-	157	47	43	30	03		005	21714 17//	JJ
RS	0147	E20 OVC	10		R-	162	46	44	35	04		006		JJ
RS	0248	E30 BKN	15		R-	162	47	43	03	03		006		JJ
R	0348	E30 BKN	15			165	47	44	35	02		006	RE10/10317 1700 44	JJ
—	—	—	—			—	—	—	—	—	—	—	20022 RADAT 89072	/
R	0450	E30 BKN	20			173	47	45	21	05		009		HS
R	0547	E30 BKN	20			180	46	45	05	04		011		HS
R	0649	E30 BKN	20			194	47	44	24	04		014	322 1700	HS
R	0745	E30 BKN	20			200	48	46	21	04		016		HS
R	0850	E30 BKN	20			206	50	46	12	02		017		HS
R	0951	E30 BKN	20			211	53	41	27	03		018	MTN TPS OBSCD S	/
/													1141700 44	HS
R	1047	E30 BKN	20			211	54	39	28	03		018	MTN TPS OBSCD S	HS
R	1149	E30 BKN	20			204	55	38	27	05		016	MTN TPS OBSCD S	HS
R	1248	E30 BKN	20			194	56	36	23	05		014	MTN TPS OBSCD S	/
/													814 1200	HS
R	1347	E30 BKN	20			193	57	39	22	03		013	MTN TPS OBSCD S	HS
R	1450	E30 OVC	20			191	56	40	22	02		013		JJ
R	1549	E40 BKN	20			188	56	38	32	02		012	805 1200 57 RADAT 95085	JJ
R	1650	50 SCT	20			187	55	40	36	04		012		JJ
R	1747	50 SCT	20			194	53	41	01	03		013		JJ
R	1847	50 SCT	20			199	52	41	03	04		014	307 1200	JJ
R	1948	60 SCT	20			197	51	40	32	02		014		JJ
R	2047	60 SCT	20			200	49	42	02	03		015		JJ
R	2148	60 SCT	20			201	48	42	05	02		015	303 1400 57	JJ
R	2246	60 SCT	20			200	47	41	01	02		015		JJ
R	2347	60 SCT	20			197	47	42	05	02		014		JJ

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 $6P_oP_oP_oP_o$ 7RRRis $8N_sCh$ 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 OCT 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 49	26.640	46.7	44.8	87	10	10	CuFRA	E25								-				10	2	.050			00-01
01 47	26.650	45.6	44.7	93	10															10					01-02
02 48	26.650	46.6	44.7	87	8															7					02-03
03 48	26.650	47.0	45.6	91	6	6	CuFRA	E30												5	1	.010			03-04
04 50	26.670	47.0	46.1	94	7															7					04-05
05 47	26.685	46.3	45.4	94	9															9					05-06
06 49	26.715	47.0	45.6	90	9	9	CuFRA	E30												9	3	.065			06-07
07 45	26.735	47.8	47.0	95	9															9					07-08
08 50	26.745	49.6	47.6	87	8															8					08-09
09 51	26.755	52.7	46.6	64	8	8	CuFRA	E30												8	1	.040			09-10
10 47	26.755	54.0	46.4	57	9															9					10-11
11 44	26.735	54.7	46.2	53	9															9					11-12
12 48	26.715	55.8	46.1	48	9	9	Cu	E30												9	8	.040			12-13
13 47	26.710	56.6	47.4	51	9															9					13-14
14 50	26.710	56.4	48.0	55	10															9					14-15
15 49	26.700	56.4	47.0	50	8	8	Cu	E40												8	8	.015			15-16
16 50	26.695	55.1	47.1	56	5															5					16-17
17 47	26.710	52.5	46.7	66	5															5					17-18
18 47	26.720	51.6	45.9	66	5	5	Cu	50												5	3	.020			18-19
19 48	26.720	51.3	45.4	65	4															4					19-20
20 47	26.725	48.6	45.0	77	2															2					20-21
21 48	26.730	47.9	44.9	80	3	3	Sc	60												3	3	.010			21-22
22 46	26.725	47.4	44.3	80	3															3					22-23
23 47	26.720	47.3	44.7	83	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	.09	0	X	47	44	X	X						X		
	0345	1	.17	0	0	48	44		2								
	0946	2	0	0	0	54	45		1								
	1545	3	0	0	0	57	52		1								
	2145	4	0	0	0	57	47		1								
	MID.	X	0	0	0	48	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0950	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.755	26.700	26.730
BAROGRAPH 64	26.670	26.770	26.715	26.750
BAR. CORR. 65	-.020	-.015	-.015	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	44	.09	0	0	11	W	0121					9			

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R	CONT	0035			
R-	0035	0310			

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