

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: EL PASO INTL ARPT TEXAS
 LOCATION: 3148N 10624W
 PREPARED BY: AFCCC/DON, OCT 2007

STATION #: 722700
 ELEVATION (FEET): 3918
 PERIOD: 194104-200708

ICAO: KELP
 LST = GMT -7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX 1/3	80	83	89	98	105	113	112	108	104	96	87	80	113
MEAN DAILY MAX 1	58	64	70	79	87	96	95	93	88	79	67	58	78
MEAN 1	45	49	56	65	75	83	83	81	76	65	53	45	65
MEAN DAILY MIN 1	35	38	45	52	62	70	72	71	65	54	42	35	53
EXTREME MIN 1/3	-8	8	14	23	31	47	57	56	42	25	1	5	-8
# DAYS GE 90 1	0	0	0	2	13	27	26	25	14	1	0	0	107
# DAYS LE 32 1	15	9	4	#	#	0	0	0	0	#	6	15	49
# DAYS LE 0 1	#	0	0	0	0	0	0	0	0	0	0	0	#
2. PRECIPITATION (INCHES)													
MAXIMUM 4	1.8	1.9	2.3	2.2	4.2	3.2	8.2	5.6	6.7	5.1	2.5	3.9	18.3
MEAN 4	0.4	0.4	0.3	0.3	0.4	0.7	1.6	1.6	1.3	0.8	0.4	0.6	8.7
MINIMUM 4	0	0	0	0	0	0	#	#	0	0	0	0	2.2
MAX 24 HR 2	0.5	0.8	0.8	1.0	1.3	1.2	1.8	2.0	2.3	1.3	0.8	1.5	2.3
# DAYS GE .01 2	4	3	2	2	2	3	8	8	6	4	3	4	49
# DAYS GE .5 2	#	#	#	#	#	#	1	1	1	#	#	#	3
3. SNOWFALL (INCHES)													
MEAN 2	1	1	#	#	0	0	0	0	0	#	1	2	5
MAXIMUM 2	8	9	7	17	0	0	0	0	0	1	13	26	33
MAX 24 HR 2	5	7	6	7	0	0	0	0	0	1	7	15	15
# DAYS GE 0.1 2	1	1	#	#	0	0	0	0	0	#	#	1	3
# DAYS GE 1.5 2	#	#	#	#	0	0	0	0	0	0	#	#	1
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (6 LST) 1	65	58	49	42	41	43	60	67	65	64	62	65	57
RH (15 LST) 1	34	27	21	18	17	17	28	30	30	29	29	34	26
VAPOR PRESS 1	.15	.15	.14	.16	.22	.30	.45	.47	.40	.28	.18	.15	.25
DEWPOINT 1	24	24	24	27	33	43	54	56	51	41	29	25	36
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$N	\$W	W	W	W	\$W	\$S	\$S	\$N	\$N	\$N	\$N	\$N
MEAN SPEED (PVLG DRCTN) 1	7	12	13	13	11	10	7	6	7	6	6	6	9
MEAN SPEED (ALL OBS) 1	6	7	8	9	8	7	6	6	5	5	6	6	7
MAX PEAK GUST@ 1/3 1	62	63	73	64	50	56	63	63	55	51	56	64	73
PRESSURE ALT 1	4356	4338	4422	4404	4338	4347	4188	4198	4226	4285	4254	4347	4422
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	3	3	2	2	2	3	3	3	2	2	3	3
DAYS TSTMS 1	#	#	1	1	3	5	11	10	5	2	#	#	40
DAYS FOG LT 7 1	2	1	#	#	#	#	#	#	1	1	1	2	9
DAYS BNBD LT 7 1	1	2	4	3	2	3	2	1	#	1	1	1	21

REMARKS: * = DATA NOT AVAILABLE

= LT 0.5 DAY, OR 0.05 INCH, OR 0.5% APPLICABLE
 \$ = % CALM GT PVLGN DRCTN
 = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR
 ANNUAL TOTALS MAY NOT EQUAL THE SUM OF MONTHLY TOTALS DUE TO ROUNDING
 @ = GUST NOT ALWAYS REPORTED, VALUES ARE MAX SUSTAINED OR GUSTS

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	1	1	#	#	#	1	2	2	3	4	2
03-05 LST	6	4	2	1	#	#	#	1	3	3	3	5	2
06-08 LST	7	4	2	1	#	#	1	1	4	4	3	6	3
09-11 LST	6	4	3	1	#	#	1	1	3	3	3	7	3
12-14 LST	5	4	3	2	1	#	#	1	2	2	3	6	2
15-17 LST	4	3	3	3	1	1	#	1	2	2	3	4	2
18-20 LST	3	2	2	2	1	1	1	#	1	1	2	3	2
21-23 LST	3	2	1	1	#	#	#	#	1	1	2	3	1
ALL HOURS	5	3	2	2	1	#	1	1	2	2	3	5	2

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	0	#	#	#	#	#	1	1	2	1
03-05 LST	3	1	1	#	0	#	#	#	1	1	2	3	1
06-08 LST	4	2	1	#	#	#	#	#	1	1	1	3	1
09-11 LST	3	2	1	1	#	#	#	#	1	1	1	3	1
12-14 LST	2	2	2	2	#	#	#	#	1	1	1	3	1
15-17 LST	2	2	3	2	1	1	#	#	#	1	1	2	1
18-20 LST	1	1	1	2	1	1	1	#	#	#	1	2	1
21-23 LST	1	1	1	1	#	#	#	#	#	#	1	2	1
ALL HOURS	2	1	1	1	#	#	#	#	1	1	1	3	1

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	#	#	#	#	#	#	1	2	#
03-05 LST	2	1	#	#	0	#	#	#	#	1	1	2	1
06-08 LST	2	1	#	#	0	#	#	#	1	1	1	2	1
09-11 LST	2	1	1	#	#	#	#	#	#	#	1	2	1
12-14 LST	1	1	1	1	#	#	#	#	#	#	1	2	1
15-17 LST	1	1	2	2	1	#	#	#	#	#	1	2	1
18-20 LST	1	1	1	1	1	1	#	#	#	#	1	1	1
21-23 LST	1	1	1	1	#	#	#	#	#	#	1	1	#
ALL HOURS	1	1	1	1	#	#	#	#	#	#	1	2	1

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	0	0	0	0	0	#	#	1	#
03-05 LST	1	#	#	#	0	0	0	0	#	#	#	1	#
06-08 LST	1	#	#	#	0	0	0	0	#	#	#	1	#
09-11 LST	1	#	#	#	0	0	0	0	0	#	#	1	#
12-14 LST	#	#	#	#	#	0	#	0	0	#	#	#	#
15-17 LST	#	#	1	#	#	#	#	#	#	#	#	#	#
18-20 LST	#	#	#	#	#	#	#	#	#	0	#	#	#
21-23 LST	#	#	#	#	#	#	#	#	0	0	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

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11. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	#	1	2	2	1	#	#	#	1
03-05 LST	#	#	#	#	#	#	1	1	1	#	#	#	#
06-08 LST	0	0	#	#	#	#	#	#	#	#	#	#	#
09-11 LST	0	0	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	#	#	#	2	2	#	#	#	#	1
15-17 LST	#	#	#	1	1	2	6	5	2	1	#	#	1
18-20 LST	#	#	#	#	2	3	6	5	2	1	#	#	2
21-23 LST	#	#	#	#	1	2	4	4	2	1	#	#	1
ALL HOURS	#	#	#	#	1	1	3	2	1	#	#	#	1

12. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	2	1	1	2	5	5	5	3	2	3	3
03-05 LST	3	2	2	1	1	1	3	4	4	3	2	3	2
06-08 LST	3	3	2	1	1	1	2	3	3	2	2	3	2
09-11 LST	2	2	1	1	#	#	1	2	2	2	2	3	2
12-14 LST	2	3	1	1	1	1	2	2	2	2	2	3	2
15-17 LST	3	3	1	1	1	2	4	4	3	3	2	2	2
18-20 LST	3	2	1	1	2	3	5	5	4	3	2	3	3
21-23 LST	3	3	2	1	1	3	6	6	5	3	2	3	3
ALL HOURS	3	3	1	1	1	1	4	4	4	3	2	3	2

13. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	#	0	0	0	0	0	#	#	1	#
03-05 LST	2	1	#	#	0	0	0	0	0	#	1	1	#
06-08 LST	2	1	1	#	0	0	0	0	0	#	#	1	#
09-11 LST	2	1	#	#	0	0	0	0	0	#	#	1	#
12-14 LST	1	1	#	#	0	0	0	0	0	0	#	1	#
15-17 LST	1	#	#	#	0	0	0	0	0	0	#	1	#
18-20 LST	1	#	#	#	0	0	0	0	0	0	#	1	#
21-23 LST	1	1	#	#	0	0	0	0	0	#	#	1	#
ALL HOURS	1	1	#	#	0	0	0	0	0	#	#	1	#

14. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	4	3	2	1	#	#	#	#	1	1	1
03-05 LST	1	1	2	2	1	#	#	#	#	#	1	1	1
06-08 LST	1	1	2	2	#	#	#	#	#	#	1	1	1
09-11 LST	2	2	4	4	2	1	#	#	#	1	1	1	1
12-14 LST	3	4	9	7	4	2	#	#	1	1	2	3	3
15-17 LST	3	5	9	10	6	2	2	1	1	1	2	3	4
18-20 LST	2	4	6	7	4	3	1	1	#	1	2	2	3
21-23 LST	2	3	4	5	3	2	1	#	#	1	1	2	2
ALL HOURS	2	3	5	5	3	1	1	#	#	1	1	2	2

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15. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	#	#	#	#	#	#	1	1	#
03-05 LST	2	1	#	#	0	#	#	#	#	#	1	2	1
06-08 LST	2	1	#	#	0	#	#	#	1	1	1	2	1
09-11 LST	2	1	1	#	#	#	#	#	#	#	1	2	1
12-14 LST	1	1	1	1	#	#	#	#	#	#	#	2	1
15-17 LST	1	1	2	2	1	#	#	#	#	#	1	1	1
18-20 LST	1	#	1	1	1	1	#	#	#	#	#	1	1
21-23 LST	1	1	1	#	#	#	#	#	#	#	1	1	#
ALL HOURS	1	1	1	1	#	#	#	#	#	#	1	2	1

16. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	#	0	#	0	#	#	#	0	1	#
03-05 LST	2	#	#	#	0	#	#	0	#	#	1	1	#
06-08 LST	2	1	#	#	0	#	#	#	#	#	1	2	1
09-11 LST	1	1	1	#	0	#	0	#	#	#	#	2	#
12-14 LST	1	1	1	1	#	#	#	#	#	#	#	1	#
15-17 LST	1	1	2	1	1	#	#	#	#	#	#	1	1
18-20 LST	#	#	1	1	0	1	#	#	#	#	#	1	#
21-23 LST	1	#	1	#	#	#	#	#	#	#	#	1	#
ALL HOURS	1	1	1	1	#	#	#	#	#	#	#	1	#

17. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	0	0	0	#	0	#	#	1	#
03-05 LST	1	#	#	#	0	0	#	0	#	#	#	1	#
06-08 LST	2	#	#	#	0	#	0	#	#	#	#	1	#
09-11 LST	1	#	#	#	0	0	0	#	0	#	#	1	#
12-14 LST	#	1	1	1	#	0	#	#	0	#	#	1	#
15-17 LST	#	1	1	1	#	#	#	#	#	#	#	1	#
18-20 LST	#	#	1	#	#	#	#	#	#	#	#	1	#
21-23 LST	#	#	#	#	#	#	#	#	#	0	#	1	#
ALL HOURS	1	#	1	#	#	#	#	#	#	#	#	1	#

18. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	0	0	0	0	0	#	#	#	#
03-05 LST	#	#	0	#	0	0	0	0	#	#	#	#	#
06-08 LST	1	#	#	#	0	0	0	0	#	#	#	1	#
09-11 LST	#	#	#	#	0	0	0	0	0	#	#	#	#
12-14 LST	#	#	#	#	#	0	#	0	0	#	#	#	#
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	#	#	#	#	#	#	#	#	#	0	#	#	#
21-23 LST	#	#	#	0	#	#	#	#	0	0	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

- SOURCE(S):
1. AFCCC DATSAV DATABASE, 194104-200708, 525042 TOTAL OBSERVATIONS
 2. INTERNATIONAL STATION METEOROLOGICAL CLIMATE SUMMARY, CD-ROM, V 4.0
 3. RUSSWO, EL PASO TEXAS, POR: JAN 50-SEP 86
 4. GLOBAL HISTORICAL CLIMATOLOGY NETWORK (GHCN) VERSION 2.0
128-129 YEARS POR BETWEEN 1878 AND 2006