CLIMATOGRAPHY OF THE UNITED STATES NO. 20

OREGON CITY, OR

CLIMATOLOGICAL SUMMARY

PERIOD: 1951-80
ELEVATION: 167 FT

	TEMPERATURE (F) MEANS * DAILY MAXIMUM	* DAILY MINIMUM	* MONTHLY	EXTREMES RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MEAN NUMBER OF DAYS MAX 90 AND ABOVE	32 AND BELOW	MIN 32 AND BELOW	0 AND BELOW	DEGREE DAYS * HEATING BASE 65	* COOLING BASE 65	PRECIPITATION TOTALS (INCHES) * MEAN	* GREATEST MONTHLY	YEAR	GREATEST DAILY	YEAR	DAY	SNOW MEAN	MAXIMUM MONTHLY	YEAR	MEAN NUMBER OF DAYS .10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	45.9	34.4	40.2	64+	58	15	9+	57	27	0	2	12	0	769	0	8.11	16.77	53	2.86	74	15	2.7	18.9	69	14	5	2
FEB	51.7	36.9	44.3	73+	68	29	13+	79	2	0	0	7	0	580	0	5.14	11.74	61	3.13	68	19	.4	5.2	62	11	3	1
MAR	55.5	38.0	46.8	77+	64	29	22	71	1	0	0	5	0	564	0	4.99	9.43	57	2.09	63	29	.7	11.2	51	12	3	1
APR	62.0	41.1	51.5	91+	57	29	28+	72	2	0	0	1	0	405	0	3.37	9.44	69	2.20	69	18	.0	.0		8	2	0
MAY	69.4	46.1	57.8	96	63	20	31+	54	1	1	0	0	0	232	9	2.64	5.80	60	1.58	63	06	.0	.0		7	1	0
JUN	75.1	51.3	63.3	99+	61	17	37+	76	3	2	0	0	0	107	56	1.87	4.48	69	1.93	69	23	.0	.0		4	1	0
JUL	82.4	54.4	68.4	107	56	19	41+	76	2	6	0	0	0	23	129	.56	2.82	74	.99	74	08	.0	.0		2	0	0
AUG	81.2	54.3	67.8	106+	77	17	41+	51	29	5	0	0	0	44	131	1.24	4.95	68	2.43	56	25	.0	.0		3	1	0
SEP	76.1	51.1	63.6	101+	58	7	33+	65	17	2	0	0	0	98	56	2.08	4.50	69	1.86	51	30	.0	.0		4	1	0
OCT	64.8	45.0	54.9	94	70	3	24+	71	28	0	0	1	0	313	0	3.79	7.69	56	2.40	55	09	.0	.0		9	2	1
NOV	53.4	39.2	46.3	73	70	2	9+	55	15	0	0	5	0	561	0	6.59	14.21	73	3.35	60	24	.2	2.0	78	12	4	2
DEC	47.5	36.1	41.8	66+	80	30	6+	64	17	0	1	8	0	719	0	8.02	14.78	64	3.22	64	22	1.2	13.6	68	14	6	2
YEAR	63.8	44.0	53.9	107	JUL 56	19	6	DEC 64	17	16	3	39	0	4415	381	48.40	16.77	JAN 53	3.35	NOV 60	24	5.2	18.9	JAN 69	100	29	9

*FROM 1951-80 NORMALS

ESTIMATED VALUE BASED ON DATA FROM SURROUNDING STATIONS

+ ALSO ON EARLIER DATES.

DEGREE DAYS TO SELECTED BASE TEMPERATURES (F)

BASE BELOW	HEATING DEGREE DAYS JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
65	769	580	564	405	232	107	23	44	98	313	561	719	4415
60	614	440	409	259	113	37	0	10	30	166	411	564	3053
57	521	356	316	177	64	15	0	0	12	93	321	471	2346
55	466	305	260	129	38	8	0	0	6	58	267	409	1946
50	324	181	130	46	7	0	0	0	0	8	140	262	1098

BASE ABOVE	COOLING DEGREE DAYS JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
55	7	5	6	24	125	257	415	397	264	55	6	0	1561
57	0	0	0	12	89	204	353	339	210	28	0	0	1235
60	0	0	0	0	45	136	264	252	138	7	0	0	842
65	0	0	0	0	9	56	129	131	56	0	0	0	381
70	0	0	0	0	0	13	43	52	12	0	0	0	120

DERIVED FROM THE 1951-80 MONTHLY NORMALS

PROBABILITY THAT THE MONTHLY PRECIPITATION WILL BE EQUAL TO OR LESS THAN THE INDICATED PRECIPITATION AMOUNT

MONTHLY PRECIPITATION (INCHES)

PROBABILITY LEVELS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
.05	2.22	1.95	2.16	.88	.90	.34	.00	.00	.14	.93	1.86	2.96
.10	2.99	2.43	2.61	1.19	1.15	.51	.00	.00	.35	1.29	2.49	3.71
.20	4.16	3.11	3.24	1.68	1.51	.78	.04	.12	.68	1.84	3.44	4.79
.30	5.18	3.68	3.75	2.11	1.82	1.04	.12	.29	.99	2.33	4.26	5.70
.40	6.18	4.23	4.23	2.54	2.12	1.30	.22	.49	1.31	2.82	5.06	6.56
.50	7.23	4.78	4.72	2.98	2.42	1.58	.34	.74	1.66	3.33	5.91	7.43
.60	8.40	5.38	5.24	3.48	2.75	1.90	.48	1.06	2.07	3.91	6.84	8.39
.70	9.77	6.08	5.83	4.07	3.14	2.28	.67	1.48	2.57	4.59	7.93	9.50
.80	11.56	6.97	6.58	4.83	3.64	2.80	.95	2.07	3.24	5.48	9.36	10.91
.90	14.37	8.33	7.73	6.04	4.42	3.62	1.41	3.11	4.34	6.89	11.59	13.09
.95	16.99	9.58	8.77	7.17	5.13	4.41	1.88	4.17	5.41	8.22	13.68	15.09

THESE VALUES WERE DETERMINED FROM THE INCOMPLETE GAMMA DISTRIBUTION.

5-YR JAN

10-YR MAY

EXAMPLE RAINFALL STATISTICS