A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

LOCAL CLIMATOLOGICAL DATA

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

SPOKANE, WASHINGTON
NATIONAL WEATHER SERVICE OFC
INTERNATIONAL AIRPORT
NOVEMBER 1972

Latitude 47° 38′ N Longitude 117° 32′ W Elevation (ground) 2356 ft. Standard time used: PACIFIC WBAN #24157

Date	Temperature °F Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65° Heating	Cooling	Weather types on dates of occurrence (1 Fog, 2 Heavy fog x, 3 Thunderstorm, 4 Ice pellets, 5 Hail, 6 Glaze, 7 Duststorm, 8 Smoke, Haze, 9 Blowing snow)	Snow, ice pellets or ice on ground at 04AM In.	Precipitation Water equivalent In.	Snow, ice pellets In.	Avg. station pressure In. Elev. 2365 feet m.s.l.	Wind Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile Speed m.p.h.	Direction	Sunshine Hours and tenths	Percent of possible	Sky cover Tenths Sunrise to sunset	Midnight to midnight	Date
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	42	32	37	-4	32	28	0	1	0	.10	T	27.51	10	3.8	7.3	12	W	0.1	1	10	10	1
2	51	38	45	4	38	20	0	2	0	T	0	27.53	20	7.6	8.6	11	S	1.9	19	10	10	2
3	49	38	44	3	40	21	0	2	0	.27	0	27.37	08	5.9	7.8	13	SE	1.3	13	10	10	3
4	56*	45	51*	11	43	14	0	1	0	.06	0	27.26	20	4.9	9.5	19	SW	1.8	18	10	10	4
5	48	34	41	1	34	24	0		0	0	0	27.45	22	11.2	12.5	20	S	6.8	70	7	5	5
6	51	33	42	3	31	23	0		0	T	0	27.46	09	5.5	7.2	16	SE	5.4	55	9	9	6
7	51	37	44	6	33	21	0		0	T	0	27.38	15	4.9	7.5	16	S	0.8	9	10	9	7
8	42	34	38	0	34	27	0	1	0	0	0	27.55	19	5.7	7.5	12	S	0.3	3	10	9	8
9	49	32	41	4	34	24	0	1	0	.14	0	27.51	07	6.7	7.6	11	SE	6.0	63	9	10	9
10	48	36	42	5	37	23	0	1	0	0	0	27.36	05	7.0	7.3	10	NE	3.9	41	9	8	10
11	51	35	43	6	32	22	0	2	0	0	0	27.29	03	4.8	7.6	11	N	7.1	75	6	6	11
12	42	34	38	1	34	27	0	2	0	0	0	27.44	07	5.2	6.3	10	SE	0.0	0	10	9	12
13	46	32	39	3	31	26	0	1	0	0	0	27.39	05	8.1	8.3	12	NE	5.8	62	8	8	13
14	45	33	39	3	32	26	0		0	0	0	27.27	05	7.8	8.1	12	NE	1.0	11	10	10	14
15	47	35	41	6	34	24	0		0	T	0	27.33	05	6.0	6.3	9	NE	5.3	57	8	9	15
16	51	34	43	8	34	22	0		0	0	0	27.34	04	6.4	7.1	9	NE	7.7	82	4	7	16
17	44	31	38	3	32	27	0	2	0	0	0	27.37	04	3.6	4.0	6	N	3.2	29	9	9	17
18	44	35	40	6	35	25	0	1 8	0	.12	0	27.39	10	1.7	6.0	12	S	2.4	26	9	10	18
19	42	30	36	2	34	29	0	1	0	T	0	27.58	01	.4	5.0	9	S	2.8	31	10	9	19
20	40	28	34	0	32	31	0	2	0	0	0	27.79	25	2.3	3.5	4	SW	0.1	1	10	10	20
21	39	29	34	0	31	31	0	2	0	0	0	27.87	04	3.0	4.2	9	N	1.6	17	9	9	21
22	37	31	34	0	30	31	0	1	0	0	0	27.84	03	2.0	3.9	7	SE	0.0	0	10	10	22
23	38	32	35	1	29	30	0	1	0	T	T	27.55	19	6.4	9.6	17	S	0.0	0	10	10	23
24	36	31	34	1	29	31	0		0	0	0	27.71	17	3.5	6.8	10	SW	0.1	1	10	10	24
25	37	28	33	0	31	32	0	2	0	.19	T	27.67	19	5.2	7.8	17	SW	0.0	0	10	10	25
26	43	30	37	4	29	28	0	2	0	0	0	27.59	28	9.1	9.6	21	W	5.2	58	5	5	26
27	40	25	33	0	22	32	0		0	0	0	27.77	23	7.1	9.4	18	SW	7.9	90	3	3	27
28	37	23*	30*	-3	22	35	0	8	0	0	0	27.78	14	.6	5.3	9	SE	6.9	78	1	3	28
29	36	27	32	-1	29	33	0	2 6	0	T	0	27.81	19	5.7	7.5	10	SW	0.0	0	10	10	29
30	39	34	37	5	32	28	0	1	0	0	0	27.64	22	13.9	14.1	19	S	0.0	0	10	10	30
	Sum 1321	Sum 976				Total 795	Total 0			Total .88	Total T	For the month: 27.53	14	1.3	7.4	21	W	Total 85.4	% for month 256	Sum 257		
	Avg. 44.0	Avg. 32.5	Avg. 38.3	Dep. 2.6	Avg. 32	Dep. -84	Dep.	Number of days Precipitation		Dep. -1.36						Date: 26		Possible 279.6	31	Avg. 8.5	Avg. 8.6	

Number of days				Season to date	
Maximum Temp.		Minimum Temp.		Total	Total
≥ 90° ‡	≤ 32°	≤ 32°	≤ 0°	Dep.	Dep.
0	0	15	0	112	

Snow, ice pellets ≥ 1.0 inch 0
Thunderstorms 0
Heavy fog X 10
Clear 2 Partly cloudy 4 Cloudy 24

Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice and date	
Precipitation	Snow, ice pellets		
.29	3- 4	T 25+	T 25+

HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at 1	2	3	4	5	6	7	8	9	10	11	12	P. M. Hour ending at 1	2	3	4	5	6	7	8	9	10	11	12	Date
1										T	T	.01	.02	T	.02	.01	.02	T	T	T	.02	T	T	T	1
2							T	T																	2
3			T	T								T	T	.02	.02	.05	.06	.05	.05	.02					3
4						.01	.01								.02		T	.01		T	T	.01	T	T	4
5																									5
6																						T	T	T	6
7				T								T	T												7
8																									8
9																	.01	.02	T	.02	.03	.05	.01	T	9
10																									10
11																									11
12																									12
13																									13
14																									14
15																				T				T	15
16																									16
17																									17
18			T	T									T	T	T	.02	T	T	.05	.03	.02	T			18
19											T	T	T												19
20																									20
21																									21
22																									22
23						T	T	T	T			T	T	T	T										23
24																									24
25												T	T	.01	.03	.04	.04	.07							25
26																									26
27																									27
28																									28
29							T	T				T	T												29
30																									30

* Extreme temperatures for the month. May be the last of more than one occurrence.
– Below zero temperature or negative departure from normal.
‡ ≥ 70° at Alaskan stations.
+ Also on an earlier date, or dates.
X Heavy fog restricts visibility to ¼ mile or less.
T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.

The season for degree days begins with July for heating and with January for cooling.

Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.

Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations. Figures for directions are tens of degrees from true North; i.e., 09 = East, 18 = South, 27 = West, 36 = North, and 00 = Calm. When directions are in tens of degrees in Col. 17, entries in Col. 16 are fastest observed 1-minute speeds. If the / appears in Col. 17, speeds are gusts.

Any errors detected will be corrected and changes in summary data will be annotated in the annual summary.

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I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

SUMMARY BY HOURS

Hour Local time	AVERAGES Sky cover Tenths	Station pressure In.	Temperature Air °F	Wet bulb °F	Dew Pt. °F	Relative humidity %	Wind speed m.p.h.	Resultant wind Direction	Speed m.p.h.
01	8	27.52	36	34	31	84	6.7	10	1.0
04	9	27.53	35	33	31	84	7.0	10	2.1
07	9	27.53	35	33	31	85	5.9	08	1.7
10	8	27.55	38	36	33	80	8.2	12	2.1
13	8	27.52	43	39	34	71	9.0	17	1.2
16	8	27.52	42	38	34	74	7.8	18	1.6
19	9	27.52	39	36	33	81	7.2	18	1.6
22	8	27.52	37	35	32	84	7.7	17	1.7

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	SKY COVER Tenths	CEILING Hnds. of ft.	VISIBILITY WHOLE MILES	VISIBILITY 16ths MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW PT. °F	REL. HUM. %	WIND DIR.	WIND SPEED Knots
DAY 01											
01	10	130	15			34	31	27	76	05	7
04	10	90	20			32	30	26	79	03	4
07	10	80	20			33	31	27	79	04	5
10	10	60	1		R	38	34	28	67	07	6
13	10	28	5		R	39	36	33	79	13	4
16	10	9	2	8	RF	40	39	37	89	12	7
19	10	32	8			41	39	37	86	12	7
22	10	5	8		R	42	40	38	86	21	11
DAY 02											
01	10	4	4		F	40	39	37	89	23	9
04	10	2	1		F	39	37	35	86	21	9
07	10	3	0	4	F	39	38	36	89	20	6
10	10	5	4		GF	43	41	38	83	18	9
13	10	11	10			49	45	41	74	20	8
16	10	35	20			50	45	40	69	23	7
19	10	45	20			43	41	39	86	16	6
22	8	37	20			42	40	38	86	14	6
DAY 03											
01	10	2	0	8	F	40	39	38	93	04	6
04	10	80	0	8	F	40	39	37	89	05	6
07	8	70	1		GF	39	38	37	93	05	7
10	8	90	10			45	43	40	83	05	7
13	10	35	10		R	49	45	41	74	05	3
16	10	32	5		R	47	45	44	89	11	7
19	10	35	7		R	47	45	43	86	13	11
22	10	45	10			45	43	42	89	14	7
DAY 04											
01	8	50	10			46	44	42	86	13	7
04	10	32	15			47	44	42	83	12	7
07	10	10	1	8	RWGF	45	43	42	89	01	6
10	9	20	15			49	47	45	86	15	7
13	10	12	20			55	50	46	72	22	8
16	10	90	25			52	48	44	74	23	7
19	10	12	15			49	46	43	80	22	10
22	10	7	10		R	47	44	42	83	25	14
DAY 05											
01	3	UNL	10			42	40	37	83	23	13
04	2	UNL	15			38	36	34	86	23	14
07	10	7	15			38	36	33	82	21	12
10	7	15	15			41	38	34	76	23	16
13	7	28	15			47	41	35	63	24	10
16	5	UNL	30			46	40	34	63	23	8
19	2	UNL	20			37	35	31	79	18	7
22	3	UNL	20			34	32	30	85	14	7
DAY 06											
01	0	UNL	15			35	33	30	82	07	4
04	10	250	12			35	33	30	82	08	6
07	5	UNL	20			35	33	30	82	05	5
10	10	120	20			40	37	32	73	07	8
13	9	250	30			50	42	32	50	11	10
16	10	200	30			48	40	31	52	12	7
19	10	200	20			44	39	32	63	24	4
22	10	70	20			42	38	34	73	06	6
DAY 07											
01	10	50	20			41	37	32	70	06	7
04	10	70	20			40	37	32	73	07	6
07	10	50	20			38	35	32	79	00	0
10	10	120	30			48	41	33	56	15	8
13	10	65	30			50	42	32	50	21	12
16	9	75	30			49	42	34	56	16	7
19	10	180	30			44	40	35	71	15	6
22	8	38	20			40	37	33	76	14	6
DAY 08											
01	8	35	20			42	38	34	73	21	5
04	10	45	20			41	38	34	76	14	5
07	9	45	20			40	37	34	79	15	5
10	10	5	1	8	F	41	39	37	86	21	10
13	10	9	7			40	37	34	79	25	10
16	10	16	10			41	38	34	76	18	7
19	10	22	15			41	38	34	76	12	4
22	6	UNL	15			35	33	31	85	16	6
DAY 09											
01	10	UNL	10			33	31	29	85	10	3
04	10	200	10			35	33	31	85	08	7
07	10	200	1		GF	34	33	31	89	08	6
10	7	200	7			40	37	34	79	06	10
13	10	UNL	30			49	42	34	56	11	11
16	10	65	15			47	41	35	63	07	6
19	10	22	10		R	41	39	37	86	34	3
22	10	22	3		RF	41	40	38	89	05	7
DAY 10											
01	10	37	7			40	39	37	89	07	7
04	10	55	15			39	38	36	89	09	4
07	10	55	15			38	37	35	89	05	5
10	10	55	20			42	40	38	86	07	5
13	9	45	15			47	43	39	74	05	9
16	9	110	20			45	43	40	83	02	5
19	5	UNL	20			40	38	36	86	04	7
22	3	UNL	20			38	36	34	86	05	9
DAY 11											
01	4	UNL	15			36	34	32	85	07	7
04	7	100	20			37	35	32	82	05	8
07	10	60	25			35	33	31	85	04	6
10	7	UNL	30			43	39	34	71	03	8
13	4	UNL	30			48	41	34	59	02	6
16	1	UNL	30			47	41	33	58	34	7
19	2	UNL	30			35	33	29	79	30	5
22	6	120	30			35	33	30	82	16	6
DAY 12											
01	10	3	4		F	38	37	35	89	13	5
04	10	3	5		F	39	37	35	86	13	6
07	10	1	1		F	37	35	33	85	04	7
10	10	12	2		F	38	36	34	86	05	6
13	10	12	2	8	F	40	38	35	82	05	6
16	10	16	5		GF	42	39	35	76	06	4
19	10	16	10			42	38	33	71	07	4
22	10	20	12			39	36	33	79	05	6
DAY 13											
01	0	UNL	3		GF	32	31	28	85	05	6
04	8	4	1		F	32	31	28	85	04	7
07	7	160	6		GF	32	31	28	85	05	8
10	9	140	10			36	34	30	79	04	6
13	8	UNL	10			44	39	33	65	05	9
16	10	130	15			44	39	34	68	02	6
19	10	60	10			43	38	32	65	05	9
22	10	60	15			41	37	32	70	08	7
DAY 14											
01	10	90	15			40	36	31	70	04	6
04	10	90	20			39	35	30	70	05	9
07	9	90	20			38	35	30	73	06	7
10	10	90	20			40	36	31	70	06	7
13	10	80	15			43	39	33	68	03	9
16	10	80	25			44	39	32	63	06	6
19	10	70	20			42	38	33	71	01	5
22	10	70	20			41	37	33	73	05	7
DAY 15											
01	10	46	20			41	37	33	73	06	5
04	8	45	15			36	34	31	82	02	3
07	10	65	9			36	34	32	85	04	5
10	5	UNL	10			39	37	34	82	03	5
13	10	37	10			46	41	36	68	05	8
16	8	110	15			45	41	36	71	08	5
19	10	110	10			42	39	35	76	06	6
22	10	70	10			41	38	35	79	02	7
DAY 16											
01	10	110	20			39	37	34	82	05	6
04	10	110	20			39	37	34	82	06	7
07	8	110	20			38	35	32	79	09	5
10	1	UNL	25			44	40	35	71	05	8
13	4	UNL	20			49	43	36	61	04	8
16	7	180	30			47	41	35	63	35	6
19	10	80	15			43	39	35	73	02	5
22	6	150	15			39	36	33	79	04	4
DAY 17											
01	8	90	20			33	31	29	85	33	3
04	1	0	0	6	F	32	31	29	89	03	6
07	1	0	0	2	F	33	32	31	92	06	3
10	2	1			F	36	35	33	89	05	4
13	8	65	5		GF	42	38	34	73	06	3
16	9	65	10			43	39	33	68	06	3
19	10	60	10			40	38	35	82	03	3
22	10	25	10			38	36	34	86	03	3
DAY 18											
01	10	16	10			39	37	34	82	06	4
04	10	18	10			38	36	33	82	08	5
07	10	30	10			38	36	34	86	05	7
10	9	28	3		GF	40	38	35	82	04	6
13	10	16	5		RGF	44	41	37	76	09	2
16	10	16	3		RH	40	38	35	82	21	10
19	10	7	6		RF	39	38	36	89	17	4
22	10	5	5		F	40	39	37	89	24	4
DAY 19											
01	10	28	5		F	40	39	37	89	18	5
04	8	60	10			36	34	32	85	17	6
07	10	50	15			37	35	33	85	00	0
10	10	20	5		GF	40	38	36	86	06	5
13	10	20	7			41	40	38	89	02	7
16	10	9	10			41	39	36	82	01	4
19	8	200	5		F	36	35	33	89	28	4
22	10	70	10			31	30	27	85	27	4
DAY 20											
01	9	UNL	0	2	F	30	29	27	89	27	3
04	10	1	0	2	F	32	31	29	89	23	4
07	10	3	2		F	32	31	29	89	24	3
10	10	3	2	8	F	35	33	31	85	23	4
13	10	13	7			39	37	35	86	28	4
16	9	28	15			39	36	33	79	20	3
19	9	60	15			36	35	34	92	04	3
22	10	48	15			36	35	34	92	00	0
DAY 21											
01	9	UNL	0	1	F	30	30	29	96	00	0
04	10	0	0		F	31	31	30	96	09	3
07	10	0	0	1	F	32	32	32	100	00	0
10	10	2	0	12	F	34	34	34	100	12	5
13	10	15	5		GF	38	36	33	82	01	8
16	5	UNL	7			35	33	30	82	35	6
19	9	32	10			33	32	30	89	04	4
22	10	32	10			33	32	30	89	04	3
DAY 22											
01	10	33	12			33	32	30	89	01	4
04	10	32	10			33	32	30	89	34	5
07	10	28	10			33	31	29	85	00	0
10	9	25	10			35	33	31	85	16	6
13	10	25	15			37	35	31	79	36	3
16	10	25	10			36	34	32	85	02	5
19	10	100	15			32	31	29	89	00	0
22	10	110	15			32	31	30	92	07	4
DAY 23											
01	10	90	7			33	32	30	89	08	3
04	10	70	15			34	32	29	82	13	5
07	10	10	7		S	34	32	28	79	15	6
10	10	45	15			36	33	28	73	16	9
13	10	55	20			38	33	26	62	17	13
16	10	25	10			35	34	32	89	18	10
19	10	15	15			35	33	30	82	24	10
22	10	4	5		F	32	31	30	92	27	11
DAY 24											
01	10	10	15			32	31	28	85	25	8
04	10	7	15			32	31	28	85	24	8
07	10	7	10			31	30	27	85	21	5
10	10	8	20			33	31	28	82	12	6
13	10	10	20			35	33	29	79	15	6
16	9	14	20			35	33	29	79	09	6
19	10	70	15			34	32	30	85	11	4
22	10	90	20			32	31	29	89	15	4
DAY 25											
01	7	250	4		GF	30	29	28	92	04	3
04	10	UNL	3		GF	29	28	26	89	11	3
07	10	15	6		F	31	30	28	89	00	0
10	10	12	15			33	32	30	89	12	4
13	10	28	7		RS	36	34	32	85	17	10
16	10	6	2		RSF	34	33	32	92	17	9
19	10	1	0	4	F	37	37	36	96	22	13
22	10	2	2	8	F	37	36	35	92	24	12
DAY 26											
01	10	3	6		GF	36	35	34	92	24	7
04	10	5	5		F	34	33	31	89	00	0
07	10	4	2		GF	32	31	30	92	30	6
10	10	3	1		F	33	33	32	96	28	5
13	1	UNL	30			42	37	31	65	26	14
16	2	UNL	30			39	35	29	67	28	15
19	0	UNL	30			35	32	26	70	30	11
22	0	UNL	30			30	27	22	72	28	9
DAY 27											
01	0	UNL	30			29	27	21	72	27	9
04	0	UNL	30			27	25	19	72	27	10
07	1	UNL	30			26	23	17	69	20	5
10	3	UNL	30			35	30	22	59	25	8
13	3	UNL	30			39	33	23	53	23	9
16	4	UNL	30			33	30	24	70	24	9
19	8	150	30			29	28	24	82	16	7
22	2	UNL	30			27	26	23	85	16	8
DAY 28											
01	5	UNL	20			25	24	21	85	04	4
04	10	130	20			23	22	20	88	06	5
07	9	130	20			24	23	20	85	02	5
10	0	UNL	10			28	26	22	78	06	4
13	0	UNL	10			35	30	23	62	23	3
16	1	UNL	25			34	30	23	64	23	3
19	6	180	30			30	28	24	78	22	6
22	2	UNL	30			27	26	23	85	19	7
DAY 29											
01	10	18	20			29	28	25	85	16	9
04	10	9	15			30	29	26	85	15	7
07	10	6	15		ZL	31	30	28	89	15	8
10	10	3	0	4	F	33	32	30	89	23	7
13	10	6	3		F	34	33	31	89	26	8
16	10	8	10			35	33	31	85	17	5
19	10	1	0	8	F	34	33	32	92	21	5
22	10	3	3		GF	35	34	32	89	18	3
DAY 30											
01	10	6	5		F	37	35	33	85	21	9
04	10	6	6		F	36	35	33	89	21	7
07	10	5	7			34	32	30	85	22	10
10	10	30	5		GF	35	33	31	85	23	15
13	10	90	7			37	35	32	82	21	14
16	10	150	20			37	35	32	82	20	14
19	10	150	20			37	35	31	79	22	15
22	10	150	20			38	35	32	79	22	14

NOTES

CEILING COLUMN—

UNL indicates an unlimited ceiling.

WEATHER COLUMN—

•	Tornado
T	Thunderstorm
Q	Squall
R	Rain
RW	Rain showers
ZR	Freezing rain
L	Drizzle
ZL	Freezing drizzle
S	Snow
SP	Snow pellets
IC	Ice crystals
SW	Snow showers
SG	Snow grains
IP	Ice pellets
A	Hail
F	Fog
IF	Ice fog
GF	Ground fog
BD	Blowing dust
BN	Blowing sand
BS	Blowing snow
BY	Blowing spray
K	Smoke
H	Haze
D	Dust

WIND COLUMNS—

Directions are those from which the wind blows, indicated in tens of degrees from true North; i. e., 09 for East, 18 for South, 27 for West. Entry of 00 in the direction column indicates calm.

Speed is expressed in knots; multiply by 1.15 to convert to miles per hour.

ADDITIONAL DATA

Other observational data contained in records on file can be furnished at cost via microfilm, microfiche, or paper copies of the original records. Inquiries as to availability and costs should be addressed to: Director, National Climatic Center, Federal Building, Asheville, North Carolina 28801.

STATION: SPOKANE WASHINGTON

YEAR & MONTH: 72 11

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