

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1027 ft. Lat: 47.6983° N Lon: 120.3228° W

Station: **ENTIAT FISH HATCHERY, WA US USC00452563**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	35.3	25.0	30.2	3.6	4.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	770.3	832.3	925.3	1080.2	0.0	0.0	1.0	10.4	28.7	0.8
02	43.0	28.3	35.7	4.2	3.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	541.8	597.8	681.8	821.8	0.0	0.0	4.9	3.0	24.7	0.2
03	53.7	33.7	43.7	3.6	2.4	2.9	1.8	0.7	0.1	0.0	0.0	0.0	352.1	413.1	505.4	660.4	0.0	0.0	21.4	0.5	18.4	0.0
04	63.2	39.2	51.2	3.0	2.3	2.5	32.6	19.9	8.5	1.2	0.0	0.0	146.6	193.9	272.5	415.2	0.0	0.0	29.3	0.0	6.6	0.0
05	72.6	45.9	59.3	3.5	2.3	2.8	167.5	127.3	78.9	29.0	6.8	2.9	35.8	57.5	102.2	207.3	0.0	1.2	31.0	0.0	1.1	0.0
06	78.7	51.9	65.3	3.7	2.4	2.9	312.2	256.3	180.6	86.8	34.0	22.1	3.1	7.3	21.6	77.7	0.4	3.5	30.0	0.0	0.1	0.0
07	88.0	57.5	72.8	3.4	2.2	2.7	550.5	488.9	397.8	254.3	133.7	95.8	0.3	0.7	2.6	14.2	1.8	13.7	31.0	0.0	0.2	0.0
08	88.0	56.6	72.3	2.4	2.8	2.4	536.5	474.9	383.7	241.2	121.6	83.8	0.3	0.7	2.4	15.0	1.6	13.6	31.0	0.0	0.2	0.0
09	79.1	49.4	64.2	3.0	2.5	2.3	284.3	231.4	161.2	74.9	24.2	13.3	6.8	13.9	33.7	97.4	0.0	3.1	29.9	0.0	0.6	0.0
10	63.2	40.4	51.8	2.5	2.4	2.2	44.8	28.6	13.3	2.5	0.0	0.0	144.0	189.8	267.4	411.7	0.0	0.0	29.2	0.0	5.0	0.0
11	46.1	32.2	39.1	2.6	3.2	2.7	0.4	0.1	0.0	0.0	0.0	0.0	475.9	535.6	625.5	775.5	0.0	0.0	9.5	1.7	19.7	0.1
12	35.5	25.8	30.7	3.1	4.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	754.8	816.8	909.8	1064.7	0.0	0.0	0.9	10.2	28.6	0.2
Summary	62.2	40.5	51.4	3.2	3.0	2.9	1931	1628	1224	690	320	218	3232	3659	4350	5641	3.8	35.1	249.1	25.8	133.9	1.3

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	2.01	10.6	5.6	0.9	0.1	1.34	1.91	2.37	
02	1.30	8.6	4.8	0.5	0.0	0.72	1.07	1.96	
03	1.41	7.9	3.9	0.6	0.1	0.73	1.19	1.74	
04	0.76	5.4	2.6	0.3	0.0	0.40	0.63	1.10	
05	0.95	5.7	2.9	0.5	0.1	0.36	0.68	1.37	
06	0.76	4.9	2.0	0.3	0.1	0.23	0.49	1.23	
07	0.33	2.2	1.1	0.1	0.0	0.02	0.19	0.52	
08	0.27	1.9	0.7	0.1	0.0	0.00	0.09	0.41	
09	0.40	2.9	1.3	0.1	0.0	0.09	0.25	0.60	
10	1.16	6.7	2.9	0.6	0.1	0.65	0.98	1.44	
11	1.91	10.3	5.5	1.0	0.1	0.95	1.88	2.87	
12	2.38	11.0	6.5	1.1	0.1	1.34	2.14	3.18	
Summary	13.64	78.1	39.8	6.1	0.7	6.83	11.50	18.79	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	11.80	6.0	3.7	1.3	0.5	0.0					6.10	9.20	19.60
02	5.40	3.3	1.8	0.4	0.1	0.0					1.40	3.60	8.50
03	1.40	1.6	0.7	0.1	0.0	0.0					0.00	0.10	2.10
04	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.10	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	4.30	2.2	1.3	0.6	0.2	0.0					0.00	3.10	7.00
12	16.50	7.7	4.9	2.1	0.9	0.1					6.80	12.50	20.30
Summary	39.5	20.9	12.5	4.5	1.7	0.1	0.0	0.0	0.0	0.0	14.3	28.5	57.5

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3.9	22.7	148.0	337.4	596.7	759.1	1015.1	1001.2	727.4	371.2	66.7	4.9
45	0.2	3.1	55.6	197.0	442.3	609.1	860.1	846.2	577.5	229.2	20.3	0.4
50	0.0	0.2	12.8	90.6	294.1	459.3	705.1	691.2	428.4	114.4	4.0	0.0
55	0.0	0.0	1.8	32.6	167.5	312.2	550.5	536.5	284.3	44.8	0.4	0.0
60	0.0	0.0	0.1	8.5	78.9	180.6	397.8	383.7	161.2	13.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.5	10.4	85.4	200.4	360.1	463.3	637.9	630.6	453.8	212.8	25.1	1.5

Growing Degree Units (Accumulated Monthly)												
40	4	27	175	512	1109	1868	2883	3884	4612	4983	5049	5054
45	0	3	59	256	698	1307	2167	3014	3591	3820	3841	3841
50	0	0	13	104	398	857	1562	2253	2682	2796	2800	2800
55	0	0	2	34	202	514	1065	1601	1885	1930	1931	1931
60	0	0	0	9	88	268	666	1050	1211	1224	1224	1224
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	12	97	298	658	1121	1759	2390	2843	3056	3081	3083

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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