

Daily Normals Recap

Tx is max temperature, Tn is minimum temperature, and P is precipitation (in hundredths)

JAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tx	48	49	49	49	49	49	49	49	49	49	49	49	49	49	49	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Tn	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
P	36	37	36	36	36	36	37	36	36	35	35	34	34	34	36	35	36	36	35	34	34	32	33	32	32	32	31	31	30	31	31

FEB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	--	--	--
Tx	50	50	50	50	50	50	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	52	52	52	52	52			
Tn	38	38	38	38	38	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	38	38	38	38			
P	28	27	27	27	28	27	27	27	27	28	27	26	24	25	24	24	25	24	25	24	23	24	24	24	25	26	25	26			

MAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tx	52	52	52	52	52	52	52	52	53	53	53	53	53	53	53	53	53	53	53	53	53	53	54	54	54	54	54	54	54	54	54
Tn	38	38	38	38	38	38	38	38	38	39	39	39	39	39	39	39	39	39	39	39	40	40	40	40	40	40	40	40	40	40	40
P	28	27	27	27	26	26	26	26	26	26	25	26	27	26	27	26	26	25	25	25	26	25	26	25	25	24	24	23	23	23	23

APR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	--
Tx	54	54	54	54	55	55	55	55	55	55	55	55	55	56	56	56	56	56	56	56	57	57	57	57	57	57	58	58	58	58	
Tn	40	40	40	40	41	41	41	41	41	41	41	41	41	41	41	41	42	42	42	42	42	42	42	42	43	43	43	43	43	43	
P	23	23	22	22	23	21	21	21	22	21	20	21	20	20	19	20	19	20	19	19	18	18	17	17	17	16	16	16	15	14	

MAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tx	58	59	59	59	59	59	59	60	60	60	60	60	60	60	61	61	61	61	61	61	61	61	62	62	62	62	62	62	62	62	62
Tn	44	44	44	44	44	45	45	45	45	45	45	46	46	46	46	46	47	47	47	47	47	47	48	48	48	48	48	48	49	49	49
P	14	13	14	13	13	13	12	12	12	11	11	11	11	11	11	11	10	11	9	10	10	10	9	10	10	10	9	10	10	10	9

JUN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	--
Tx	62	63	63	63	63	63	63	63	63	63	63	64	64	64	64	64	64	64	64	65	65	65	65	65	65	65	65	66	66	66	
Tn	49	49	49	49	49	50	50	50	50	50	50	50	50	50	51	51	51	51	51	51	51	51	52	52	52	52	52	52	52	52	
P	10	10	10	9	10	9	9	9	9	9	9	8	8	8	9	7	8	8	7	7	7	7	6	6	6	5	6	5	4	5	

JUL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tx	66	66	66	66	67	67	67	67	67	67	67	67	67	67	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
Tn	52	53	53	53	53	53	53	53	53	54	54	54	54	54	54	54	54	54	54	54	54	55	55	55	55	55	55	55	55	55	55
P	4	4	3	4	3	4	3	3	4	3	3	2	3	2	3	2	3	2	2	2	3	2	2	2	2	2	3	2	2	2	2

AUG	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tx	68	68	68	68	68	68	68	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
Tn	55	55	55	55	55	55	55	55	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	53	53	53	53	53	53	53	53
P	2	3	2	2	2	3	2	3	3	2	3	3	4	3	4	3	4	4	4	5	4	4	4	4	5	4	5	5	5	6	5

SEP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	--
Tx	69	69	69	69	69	69	69	69	69	69	69	68	68	68	68	68	68	68	67	67	67	67	67	66	66	66	66	65	65	65	
Tn	53	53	52	52	52	52	52	52	52	52	51	51	51	51	51	51	50	50	50	50	50	50	49	49	49	49	49	48	48	48	
P	6	6	6	7	7	7	6	7	7	7	8	7	8	8	8	9	8	10	9	10	10	10	11	10	12	12	12	12	14	13	

OCT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tx	65	64	64	64	64	63	63	63	63	62	62	62	61	61	61	61	60	60	60	60	59	59	59	59	58	58	58	58	58	57	57
Tn	48	48	47	47	47	47	47	46	46	46	46	46	45	45	45	45	45	44	44	44	44	44	44	43	43	43	43	43	43	43	42
P	14	15	15	16	16	18	18	18	18	19	19	20	20	20	21	21	23	23	23	24	25	25	26	26	26	27	26	27	28	28	29

NOV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	--
Tx	57	57	56	56	56	56	56	55	55	55	55	54	54	54	54	54	53	53	53	53	52	52	52	52	52	51	51	51	51	51	
Tn	42	42	42	42	42	42	41	41	41	41	41	41	41	40	40	40	40	40	40	40	39	39	39	39	39	39	39	39	38	38	
P	30	31	31	32	33	33	34	35	35	37	37	37	39	38	38	39	39	40	40	39	38	38	39	38	39	40	39	39	39	39	

DEC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tx	50	50	50	50	50	49	49	49	49	49	49	49	49	49	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
Tn	38	38	38	38	38	38	38	38	38	38	38	38	37	37	37	37	37	37	37	37	37	37	37	38	38	38	38	38	38	38	38
P	35	36	36	34	35	36	35	35	34	34	34	33	35	34	33	33	33	33	33	34	34	35	35	36	35	35	35	35	35	34	34

Astoria: Climate Normals (1991-2020), Means & Extremes (1887-2023)

Latitude: 46° 09' 29" N Longitude: 123° 52' 39" Field Elevation: 9 feet MSL Barometer: 12 feet MSL

Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
MAX: Normal Daily	49.4	50.9	53.0	55.9	60.5	64.0	67.4	68.7	67.6	60.7	53.6	48.7	58.4
Warmest Daily MAX	70	72	80	86	93	101	101	98	95	85	73	64	101
Year of Occurrence	1940	1996	1926	2023	2008	2021	1942	2016	1972	1987	2010	1980	2021, 1942
Coldest Daily MAX	16	19	34	42	46	49	56	56	52	42	27	21	16
Year of Occurrence	1888	1989	1896	1975	1923	1923	1935	1919	1924	1935	1955	1990	1888
MIN: Normal Daily	38.1	37.4	39.0	41.5	46.3	50.6	53.9	53.9	50.5	44.9	40.2	37.6	44.5
Coldest Daily MIN	10	9	22	26	30	37	37	39	33	26	15	6	6
Year of Occurrence	1888	1989	1971	1927	1954	1980	1930	1973	1983	1971	1955	1990	1990, 1972
Warmest Daily MIN	54	54	55	55	65	65	71	70	67	62	58	57	71
Year of Occurrence	1896	1983	1889	1951	1887	1942	1906	1916	1907	2003	1999	1980	1906
MEAN: Normal Daily	43.7	44.2	46.0	48.7	53.4	57.3	60.6	61.3	59.0	52.8	46.9	43.2	51.4
Normal Number of Days with Temperature of :													
Maximum ≥ 80°	0	0	0	0	1	1	1	1	2	0	0	0	6
Maximum ≥ 70°	0	0	0	1	3	4	8	11	9	3	0	0	39
Maximum ≤ 32°	<1	<1	0	0	0	0	0	0	0	0	0	<1	<1
Minimum ≤ 32°	6	7	4	1	0	0	0	0	0	1	4	7	29
Normal Heating Deg. Days	659	584	589	489	361	233	140	122	185	378	543	677	4960
Normal Cooling Deg. Days	0	0	0	<1	2	2	5	7	6	<1	0	0	22
Normal Relative Humidity (%)													
at 4 am LST	86	87	89	89	90	90	90	91	91	90	87	86	89
at 10 am LST	84	82	80	75	75	75	76	77	76	81	83	84	79
at 4 pm LST	77	74	72	70	70	71	70	71	70	73	78	80	73
At 10 pm LST	85	86	87	86	86	85	86	88	88	89	87	86	87
% Possible Sunshine	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Number of Days with:													
Heavy Fog (vis ≤ ¼ mi)	4	3	3	2	1	1	2	4	6	6	4	3	40
Thunderstorms	1	1	1	1	<1	<1	<1	<1	1	1	1	1	8
Clear	3	3	3	3	3	3	6	6	8	5	3	3	50
Partly Cloudy	4	3	5	6	8	7	10	10	8	7	5	4	77
Cloudy	24	22	23	21	20	19	15	15	15	19	22	24	239
Avg Daylight Sky Cover²	8.3	8.1	8.1	8.0	7.7	7.7	6.7	6.7	6.3	7.2	8.1	8.4	7.6
Avg Wind Speed (mph)	8.6	8.2	8.3	8.1	7.9	8.1	8.3	7.5	6.8	7.0	8.1	8.5	8.0
Dominant Wind Dir.	E	E	S	SW	NW	NW	NW	NW	NW	SE	E	E	NW
Max Sustained Wind	55	47	47	52	37	32	29	40	39	45	46	55	55
Direction of Sustained	S	S	S	S	SW	S	S	S	S	S	S	S	S
Year of Occurrence	1971	1979	2016	1962	1975	2003	1988	2015	2013	2016	2012	2007	2007, 1971
Strongest Wind Gust	80	76	80	72	56	54	59	62	60	96	78	106	106
Direction of Gust	S	S	S	S	SW	W	NW	S	S	S	S	S	S
Year of Occurrence	1971	1979	1956	1996	1975	2013	2009	2015	1997	1962	2006	2007	2007
Normal Rainfall (in)	10.59	7.18	7.90	5.80	3.40	2.30	0.83	1.12	2.67	6.74	11.05	10.68	70.26"
Monthly Maximum	27.00	21.89	21.32	13.39	8.52	7.70	7.58	5.22	10.69	17.79	22.54	36.07	114.03"
Year of Occurrence	1851	1961	1859	1893	1895	1931	1916	1968	2013	1950	1937	1933	1933
Monthly Minimum	0.69	0.65	0.93	0.21	0.37	0.06	0.00	0.00	0.00	0.23	1.45	2.67	41.58"
Year of Occurrence	1985	1920	1965	1909	1982	1869	1851	1850	1909	1895	1976	1985	1985
Max Rain in 24 hours	6.98	4.91	4.25	3.40	2.59	2.42	1.98	2.78	3.84	4.17	5.56	4.33	6.98"
Year of Occurrence	1919	1916	1910	1893	2013	1968	1994	2001	2013	1927	1998	1933	1919
Normal days ≥ 0.01" rain	22	19	22	19	16	14	8	8	10	17	21	22	196
Normal days ≥ 1.00" rain	3	2	2	1	0	0	0	0	1	2	3	3	16
Normal Snowfall (in)	2.0	0.4	0.5	0	0	0	0	0	0	0	0.2	1.1	4.2"

¹Most recent occurrence listed.

²Sky Cover in OKTAs, or eighths.

³Period of record 1887-Dec 2023.

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