

Local Climatological Data
Daily Summary
September 1998
 Generated on 10/31/2023

Current Location: Elev: 16 ft. Lat: 29.9506° N Lon: 94.0206° W

Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN:12917 (ICAO:KBPT)**

Date	Temperature (F)							Degree Days (base 65F)		Sun (LST)		Weather	Precipitation (in)			Pressure (inHg)		Wind	Maximum Wind Speed = MPH				
	Max	Min	Avg	Dep	ARH	ADP	AWB	Heat	Cool	Rise	Set		Weather Type	TLC	Snow Fall	Snow Depth	Avg Stn		Avg SL	Avg Speed	Peak Speed	Peak Dir	Sust. Speed
	2	3	4	5	6	7	8	9	10	11	12	13		14	15	16	17	18	19	20	21	22	23
01	92	74	83	-0.2s				0s	18s	0553	1839	FG BR	0.00			29.71		11.0	24	050	21	040	
02	94	74	84	0.8				0	19	0554	1838	HZ	0.00			29.68		8.4	24	030	18	030	
03	96*	72	84	0.9				0	19	0554	1836	FG BR HZ	0.00			29.74		2.9	9	210	8	200	
04	94	72	83	-0.1				0	18	0555	1835	FG BR HZ	0.00			29.86		4.2	15	180	13	190	
05	92	73	83	0.0				0	18	0555	1834	FG BR	0.00			29.93		7.0	28	120	22	130	
06	87	74	81	-1.9				0	16	0556	1833	TS RA BR	0.23			29.92		6.9	26	070	22	060	
07	90	73	82	-0.8				0	17	0556	1832	RA FG BR HZ	0.03			29.84		10.4	29	090	25	090	
08	90	75	83	0.2				0	18	0557	1830	RA FG BR	T		0	29.71		10.5	26	130	22	130	
09	89	76	83	0.3				0	18	0557	1829		T		0	29.71		15.7	36	070	30	070	
10	78	74	76	-6.6				0	11	0558	1828	RA FG BR	2.35			29.70		22.9	41	080	34	080	
11	83	76	80	-2.4				0	15	0558	1827	RA FG BR	3.23			29.57		22.4	48	090	38	080	
12	85	78	82	-0.3				0	17	0559	1825	RA FG BR	1.09			29.60		15.7	36	200	29	190	
13	81	77	79	-3.2				0	14	0559	1824	RA FG BR	1.85			29.64		9.5	24	180	20	130	
14	83	75	79	-3.1				0	14	0600	1823	RA FG BR	2.52			29.72		10.7	28	150	24	150	
15	81	75	78	-3.9				0	13	0601	1822	RA FG BR	1.08			29.80		9.9	25	130	22	130	
16	87	75	81	-0.8				0	16	0601	1820	RA FG BR	T			29.84		9.8	21	100	18	090	
17	91	73	82	0.4				0	17	0602	1819	FG BR	0.00			29.78		9.8	21	040	17	010	
18	90	76	83	1.6				0	18	0602	1818	TS RA HZ	0.48			29.73		9.2	29	050	24	060	
19	90	76	83	1.7				0	18	0603	1817	FG BR	0.00			29.68		4.6	14	060	11	070	
20	91	76	84	2.9				0	19	0603	1815	FG BR HZ	0.00			29.70		5.0	15	200	14	190	
21	91	76	84	3.1				0	19	0604	1814	FG BR	0.00			29.76		4.3	14	200	13	180	
22	92	75	84	3.3				0	19	0604	1813	TS RA FG BR	0.32			29.85		4.2	25	060	21	060	
23	93	74	84	3.5				0	19	0605	1812	FG BR	0.00			29.88		7.1	17	030	14	010	
24	91	76	84	3.8				0	19	0605	1810	FG BR HZ	0.00			29.90		5.4	15	100	13	120	
25	90	74	82	2.0				0	17	0606	1809	FG BR HZ	0.00			29.90		7.3	20	080	16	080	
26	90	77	84	4.2				0	19	0606	1808	FG BR	0.00			29.87		7.5	18	130	15	120	
27	94	75	85	5.5				0	20	0607	1807	FG BR HZ	0.00			29.81		7.8	22	020	16	360	
28	95	74	85	5.7				0	20	0608	1805	FG BR	0.00			29.74		9.7	28	330	21	350	
29	95	74	85	6.0				0	20	0608	1804	FG BR	0.00			29.76		7.4	20	360	15	010	
30	94	72*	83	4.2				0	18	0609	1803	FG BR	T			29.81		3.2	13	050	11	050	
	89.6	74.7	82.2										13.18			29.77	29.83	6.7					
	-2.1	0.5	-0.8										7.23s										
	Degree Days											Number of days with...											
	Monthly				Season-to-date				Temperature				Precipitation			Snow		Weather					
	Total	Departure	Total	Departure	Max		Min		>=0.01"		>=0.1"	>=1"	T-Storms	Heavy Fog									
Heating	0	0	0		>=90°	<=32°	<=32°	<=0°	0	0													
Cooling	588	32	1685		21s	0	0	0															
	Date of 5-sec to 3-sec wind equipment change				Sea Level Pressure				Greatest...														
	2007-06-20				Maximum		Date		Time		24-Hr...		Snow Depth										
					30.05						Precip		Snowfall										
					29.58		11		1806		4.35												
									Date														
									10-10														
	Station Augmentation																						
	Name:N/A Lat: N/A Lon: N/A Elevation: N/A Distance: N/A Elements: N/A Equipment: N/A																						

Local Climatological Data
Hourly Observations
September 1998
 Generated on 10/31/2023

Current Location: Elev: 16 ft. Lat: 29.9506° N Lon: 94.0206° W

Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN:12917 (ICAO:KBPT)**

Date	Time (LST)	Station Type	Sky Conditions	Visi- bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press Tend	Net 3-Hr Change (inHg)	Sea Level Press (inHg)	Report Type	Precip Total (in)	Alti- meter Setting (inHg)
					AU AW MW	(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11	0004	4	BKN:07 10 OVC:08 14	6.00	RA	75	23.9	74	23.3	73	22.8	94	19	070	30	29.67			29.70	FM-16		29.70
11	0015	4	BKN:07 8 OVC:08 14	2.50	RA	75	23.9	74	23.3	73	22.8	94	30	090	38	29.67			29.70	FM-16		29.70
11	0020	4	OVC:08 10	1.75	RA	75	23.9	74	23.3	73	22.8	94	26	090	36	29.67			29.70	FM-15	0.16	29.70
11	0027	4	BKN:07 8 OVC:08 12	2.00	RA	75	23.9	74	23.3	73	22.8	94	25	080	36	29.67			29.70	FM-16		29.70
11	0038	4	OVC:08 8	1.50	RA	75	23.9	75	23.9	75	23.9	100	29	080	36	29.67			29.70	FM-16		29.70
11	0053	C	BKN:07 8 OVC:08 15	2.98	FG RA	76	24.4	75	23.9	74	23.3	94	31	080	43	29.65			29.68	FM-15	0.56	29.68
11	0100	9																		NSRDB		
11	0111	4	BKN:07 8 OVC:08 15	2.50	RA	75	23.9	75	23.9	75	23.9	100	28	090	34	29.67			29.69	FM-16		29.69
11	0118	4	BKN:07 8 OVC:08 12	5.00	RA	75	23.9	75	23.9	75	23.9	100	33	090	43	29.67			29.69	FM-16		29.69
11	0153	C	OVC:08 10	9.94	RA	76	24.4	75	23.9	74	23.3	94	35	090	40	29.65			29.68	FM-15	0.11	29.68
11	0200	9																		NSRDB		
11	0253	C	BKN:07 10 OVC:08 16	9.94	RA	76	24.4	75	23.9	74	23.3	94	31	070	40	29.64	6	+0.04	29.66	FM-15	0.08	29.66
11	0300	9																		NSRDB		
11	0324	4	OVC:08 8	10.00	RA	75	23.9	75	23.9	75	23.9	100	29	080	40	29.64			29.66	FM-16		29.66
11	0339	4	OVC:08 10	6.00	RA	77	25.0	76	24.4	75	23.9	94	29	090	34	29.65			29.67	FM-16		29.67
11	0353	C	OVC:08 12	8.95	RA	77	25.0	76	24.4	75	23.9	94	30	090	43	29.64			29.65	FM-15	0.05	29.66
11	0400	9																		NSRDB		
11	0453	C	OVC:08 14	9.94		77	25.0	75	23.9	74	23.3	90	30	090	40	29.62			29.64	FM-15	T	29.64
11	0500	9																		NSRDB		
11	0600	3	BKN:07 12 BKN:07 16 OVC:08 31	5.97	FG RA	76	24.4	75	23.9	74	23.3	94	30	080	48	29.60	8	+0.04	29.63	SY-MT	0.02	29.63
11	0645	4	FEW:02 9 BKN:07 12	2.50	RA	75	23.9	74	23.3	73	22.8	94	33	090	41	29.61			29.63	FM-15	0.23	29.63
11	0653	C	BKN:07 12 OVC:08 19	5.97	FG RA	76	24.4	75	23.9	74	23.3	94	36	080	44	29.59			29.62	FM-15	0.24	29.62
11	0700	9																		NSRDB		
11	0715	4	BKN:07 11 OVC:08 19	1.75	RA	75	23.9	75	23.9	75	23.9	100	29	080	45	29.59			29.62	FM-16		29.62
11	0738	4	BKN:07 9 BKN:07 15 OVC:08 24	3.00	RA	75	23.9	75	23.9	75	23.9	100	30	100	37	29.62			29.64	FM-16		29.64
11	0753	C	BKN:07 11 BKN:07 15 OVC:08 22	2.98	FG RA	77	25.0	76	24.4	75	23.9	94	25	090	37	29.61			29.63	FM-15	0.36	29.63
11	0800	9																		NSRDB		
11	0828	4	BKN:07 9 OVC:08 21	1.75	RA	77	25.0	76	24.4	75	23.9	94	24	100	32	29.62			29.64	FM-16		29.64
11	0836	4	BKN:07 9	1.00	RA	77	25.0	76	24.4	75	23.9	94	23	110	34	29.62			29.64	FM-16		29.64

			OVC:08 21																				
11	0846	4	BKN:07 9 OVC:08 21	1.75		79	26.1	78	25.6	77	25.0	94	21	110	28	29.62		29.64	FM-16		29.64		
11	0853	C	BKN:07 9 OVC:08 15	1.49		78	25.6	77	25.0	77	25.0	97	23	110	31	29.62	3	-0.01	29.64	FM-15	0.31	29.64	
11	0900	9																		NSRDB			
11	0953	C	BKN:07 9 OVC:08 17	1.99		78	25.6	77	25.0	77	25.0	97	23	100	30	29.62			29.65	FM-15	0.23	29.65	
11	1000	9																		NSRDB			
11	1014	4	BKN:07 7 BKN:07 19 OVC:08 25	1.25		79	26.1	78	25.6	77	25.0	94	16	120	28	29.64			29.66	FM-16		29.66	
11	1029	4	BKN:07 7 BKN:07 19 OVC:08 25	2.50		79	26.1	79	26.1	79	26.1	100	21	130	28	29.64			29.66	FM-16		29.66	
11	1053	C	BKN:07 7 BKN:07 19 OVC:08 25	2.49		79	26.1	78	25.6	78	25.6	97	22	130	26	29.62			29.65	FM-15	0.22	29.65	
11	1100	9																		NSRDB			
11	1200	3		3.98		80	26.7			78	25.6	94	16	110					29.64	FM-15	0.04	29.64	
11	1238	4	FEW:02 8 BKN:07 16 OVC:08 23	4.00		79	26.1	79	26.1	79	26.1	100	18	090		29.61			29.63	FM-16		29.63	
11	1244	4	FEW:02 8 BKN:07 13 OVC:08 23	2.50		79	26.1	78	25.6	77	25.0	94	17	090		29.59			29.62	FM-16		29.62	
11	1253	C	BKN:07 8 BKN:07 14 OVC:08 21	1.74		79	26.1	78	25.6	77	25.0	94	22	120	29	29.59			29.62	FM-15	0.10	29.62	
11	1300	9																		NSRDB			
11	1312	4	BKN:07 8 OVC:08 16	3.00		79	26.1	78	25.6	77	25.0	94	18	120	25	29.59			29.61	FM-16		29.61	
11	1323	4	BKN:07 8 BKN:07 12 OVC:08 17	2.00		79	26.1	79	26.1	79	26.1	100	17	120		29.59			29.61	FM-16		29.61	
11	1336	4	BKN:07 8 BKN:07 12 OVC:08 17	3.00		79	26.1	79	26.1	79	26.1	100	17	130		29.57			29.59	FM-16		29.60	
11	1353	C	BKN:07 8 OVC:08 14	2.49		79	26.1	78	25.6	78	25.6	97	18	170		29.57			29.60	FM-15	0.21	29.60	
11	1402	3	BKN:07 8 BKN:07 13 OVC:08 24	4.00		79	26.1	78	25.6	77	25.0	94	14	150		29.57			29.59	FM-16		29.60	
11	1425	4	FEW:02 10 BKN:07 30 OVC:08 35	7.00		79	26.1	78	25.6	77	25.0	94	16	150		29.57			29.59	FM-15	0.04	29.60	
11	1453	C	FEW:02 11 BKN:07 34 OVC:08 41	6.96		81	27.2	80	26.7	79	26.1	94	17	140		29.57	6	+0.05	29.59	FM-15	0.04	29.59	
11	1500	9																		NSRDB			
11	1553	C	FEW:02 13 FEW:02 24 BKN:07 45	6.96		82	27.8	79	26.1	78	25.6	88	16	130		29.57			29.58	FM-15	T	29.59	
11	1600	9																		NSRDB			
11	1653	C	FEW:02 17 FEW:02 24 BKN:07 30	9.94		83	28.3	79	26.1	78	25.6	85	15	150		29.57			29.58	FM-15	0.00	29.59	
11	1700	9																		NSRDB			
11	1724	4	BKN:07 19 BKN:07 29 OVC:08 59	10.00		82	27.8	80	26.7	79	26.1	89	16	160		29.57			29.59	FM-16		29.59	

Local Climatological Data
Hourly Remarks
September 1998
 Generated on 10/31/2023

Current Location: Elev: 16 ft. Lat: 29.9506° N Lon: 94.0206° W
 Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN:12917 (ICAO:KBPT)**

Date	Time (LST)	Remarks
11	0004	MET032NEW AO2 PK WND 09026/0557 P0002;
11	0015	MET032NEW AO2 PK WND 07033/0610 P0009;
11	0020	MET032NEW AO2 PK WND 07033/0610 P0016;
11	0027	MET032NEW AO2 PK WND 07033/0610 P0022;
11	0038	MET032NEW AO2 PK WND 07033/0610 P0044;
11	0053	MET049NEW AO2 PK WND 07037/0646 SLP050 P0056 T02440233;
11	0111	MET032NEW AO2 PK WND 08033/0654 P0008;
11	0118	MET032NEW AO2 PK WND 08037/0718 P0009;
11	0153	MET049NEW AO2 PK WND 08037/0718 SLP051 P0011 T02440233;
11	0253	MET073NEW AO2 PK WND 08037/0809 CIG 007V013 SLP044 P0008 60075 T02440233 56012;
11	0324	MET044NEW AO2 PK WND 08035/0924 CIG 006V012 P0004;
11	0339	MET032NEW AO2 PK WND 08035/0924 P0005;
11	0353	MET049NEW AO2 PK WND 09037/0953 SLP042 P0005 T02500239;
11	0453	MET055NEW AO2 PK WND 09037/1035 RAE35 SLP037 P0000 T02500233;
11	0600	MET085NEW AO2 PK WND 09042/1146 RAB40 SLP033 P0002 60082 70313 T02440233 10250 20244 58013;
11	0645	MET032NEW AO2 PK WND 08037/1202 P0023;
11	0653	MET049NEW AO2 PK WND 08038/1253 SLP031 P0024 T02440233;
11	0715	MET032NEW AO2 PK WND 08039/1311 P0016;
11	0738	MET032NEW AO2 PK WND 08039/1311 P0031;
11	0753	MET061NEW AO2 PK WND 08039/1311 CIG 006V014 SLP034 P0036 T02500239;
11	0828	MET032NEW AO2 PK WND 10030/1401 P0014;
11	0836	MET032NEW AO2 PK WND 10030/1401 P0022;
11	0846	MET032NEW AO2 PK WND 10030/1401 P0027;
11	0853	MET073NEW AO2 PK WND 10030/1401 CIG 006V011 SLP037 P0031 60091 T02560250 53003;
11	0953	MET049NEW AO2 PK WND 10030/1535 SLP039 P0023 T02560250;
11	1014	MET014NEW AO2 P0015;
11	1029	MET014NEW AO2 P0020;
11	1053	MET031NEW AO2 SLP040 P0022 T02610256;
11	1238	MET014NEW AO2 P0002;
11	1244	MET014NEW AO2 P0005;
11	1253	MET043NEW AO2 CIG 006V011 SLP031 P0010 T02610250;
11	1312	MET014NEW AO2 P0016;
11	1323	MET014NEW AO2 P0018;
11	1336	MET014NEW AO2 P0018;
11	1353	MET031NEW AO2 SLP023 P0021 T02610256;
11	1402	MET014NEW AO2 P0004;
11	1425	MET020NEW AO2 RAE10 P0004;
11	1453	MET049NEW AO2 RAE10 SLP019 P0004 60035 T02720261 56017;

11	1553	MET040NEW AO2 RAB01E19 SLP018 P0000 T02780256;
11	1653	MET025NEW AO2 SLP018 T02830256;
11	1724	MET008NEW AO2;
11	1800	MET049NEW AO2 SLP018 60035 T02720250 10283 20256 55001;
11	1853	MET037NEW AO2 RAB15 SLP024 P0008 T02670250;
11	1900	MET026NEW AO2 VIS 1 3/4V5 P0005;
11	1919	MET032NEW AO2 PK WND 15027/0113 P0022;
11	1934	MET032NEW AO2 PK WND 15027/0113 P0040;
11	1940	MET032NEW AO2 PK WND 15027/0113 P0041;
11	1953	MET049NEW AO2 PK WND 15027/0113 SLP028 P0050 T02560250;
11	2031	MET020NEW AO2 RAE06 P0001;
11	2053	MET049NEW AO2 RAE06 SLP029 P0001 60059 T02610250 51010;
11	2109	MET008NEW AO2;
11	2116	MET026NEW AO2 PK WND 19027/0316;
11	2124	MET038NEW AO2 PK WND 19027/0316 RAB18 P0001;
11	2153	MET056NEW AO2 PK WND 19027/0316 RAB18E53 SLP032 P0008 T0256024
11	2253	MET025NEW AO2 SLP033 T02670250;

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Hourly Precipitation
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Current Location: Elev: 16 ft. Lat: 29.9506° N Lon: 94.0206° W

Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN:12917 (ICAO:KBPT)**

Date	For Hour (LST) Ending at																						Date				
	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	NOON	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM		11 PM	MID		
01						M						M						M						M	01		
02						M						M						M						M	02		
03						M						M						M						M	03		
04						M						M						M						M	04		
05						M						M						M						M	05		
06						M					M		0.01	0.01				M						M	06		
07						M						M		0.03	T			M	T	T				M	07		
08			T	T		M					M	M						M						M	08		
09						M						M						M					T	M	09		
10		T	0.02	T	0.01	M	0.04	0.05	0.03	0.02	0.01	M	0.18	0.44	0.24	0.15	0.10	0.01	0.14	0.09	0.11	0.29	0.21	M	10		
11	0.56	0.11	0.08	0.05	T	M	0.24	0.36	0.31	0.23	0.22	M	0.10	0.21	0.04	T		M	0.08	0.50	0.01	0.08		M	11		
12	0.02	0.18	0.05	M	0.16	M	0.13	0.07				M	0.01	T			0.05	M	0.01	0.19	0.03	T	T	M	12		
13					0.37	M		0.04	0.11	0.06	0.13	M	T	0.03	T	0.01	0.13	M	0.32	T				M	13		
14	0.04	0.06	0.27	0.49	0.01	M				0.03	0.07	M	0.34	0.06	0.06	0.01	0.01	T	M	0.09	0.04	0.01	0.08	0.31	0.22	14	
15	0.39	0.03	0.03			M		M	0.16	M		M	0.07	0.31	0.01	0.01	0.02	M			M				M	15	
16						M						M		T	T			M							M	16	
17						M						M						M							M	17	
18						M						M						M		0.47	0.01				M	18	
19						M						M						M							M	19	
20						M						M						M							M	20	
21						M						M						M					M			M	21
22						M						M						M		0.09	0.17				M	22	
23						M						M						M							M	23	
24						M						M						M							M	24	
25						M						M						M							M	25	
26						M						M						M							M	26	
27						M						M		M				M							M	27	
28	M						M					M				M		M							M	28	
29						M						M						M							M	29	
30						M						M						M					T		M	30	

Maximum Short Duration Precipitation												
Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (inches)												
Ending Date Time (yyyymmdd hh:mi)												

Hourly, daily, and monthly totals on the Daily Summary page and the Hourly Precipitation Table are shown as reported by the instrumentation at the site. However, NWS does not edit hourly values for its ASOS sites, but may edit the daily and monthly totals for selected sites which will be reflected on the Daily Summary page.

T = Trace
 s = Suspect
 * = Erroneous
 blank = No precipitation observed
 M = Missing