

Local Climatological Data
Daily Summary
December 2018

Generated on 02/18/2019

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	Direction = Degrees							
												Peak Speed						Peak Dir			Sust. Speed	Sust. Dir						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23						
01	65	52	58	13.7				7	0	0727	1722	TS RA BR FG	0.40	0.0	0	28.73		4.8	22	310	17	300						
02	69	50	60	16.0				5	0	0728	1722	RA BR	0.02	0.0	0	28.66		12.7	37	220	30	220						
03	56	41	48	4.3				17	0	0729	1722		0.00	0.0	0	28.90		8.1	25	220	18	230						
04	43	36	39	-4.4				26	0	0730	1722		0.00	0.0	0	29.07		6.9	16	280	13	270						
05	38	29	34	-9.1				31	0	0731	1722	SN	T	T	0	29.18		8.3	23	260	17	260						
06	43	21*	32	-10.8				33	0	0732	1722		0.00	0.0	0	29.30		3.4	14	180	10	270						
07	46	38	42	-0.5				23	0	0733	1722		0.00	0.0	0	29.33		2.6	9	010	7	010						
08	41	37	39	-3.3				26	0	0733	1722	RA BR	0.56	0.0	0	29.28		8.2	19	040	16	050						
09	38	32	35	-7.0				30	0	0734	1722	GR RA SN BR FG	0.87	0.3	0	28.99		11.2	26	030	21	040						
10	43	33	38	-3.8				27	0	0735	1722	RA SN BR	0.09	T	0	29.07		6.9	16	040	13	040						
11	45	26	36	-5.5				29	0	0736	1723	BR	0.00	0.0	0	29.21		4.8	14	220	12	220						
12	49	28	39	-2.3				26	0	0736	1723		0.00	0.0	0	29.11		5.5	26	220	21	220						
13	57	39	48	7.0				17	0	0737	1723		0.00	0.0	0	29.11		2.9	13	020	12	020						
14	54	45	49	8.2				16	0	0738	1723	RA BR	0.11	0.0	0	28.96		8.2	20	030	16	030						
15	55	43	49	8.4				16	0	0739	1724	RA BR FG	0.12	0.0	0	28.84		6.9	29	220	24	230						
16	48	42	45	4.6				20	0	0739	1724	BR	0.00	0.0	0	29.03		8.2	21	220	16	220						
17	55	35	45	4.8				20	0	0740	1724	BR FG	0.00	0.0	0	29.10		3.0	12	210	9	210						
18	54	30	42	2.0				23	0	0741	1725		0.00	0.0	0	29.07		4.5	15	030	12	030						
19	51	30	41	1.1				24	0	0741	1725		0.00	0.0	0	28.97		2.2	9	040	8	040						
20	47	39	43	3.3				22	0	0742	1725	RA BR	0.71	0.0	0	28.51		4.9	16	040	13	030						
21	47	38	42	2.5				23	0	0742	1726	RA BR	1.49	0.0	0	28.39		8.8	27	260	22	270						
22	45	31	38	-1.4				27	0	0743	1726	RA	T	0.0	0	28.97		7.5	20	270	15	260						
23	42	27	35	-4.2				30	0	0743	1727	RA BR FG	0.04	0.0	0	29.08		4.5	16	270	13	280						
24	47	29	38	-1.1				27	0	0744	1728		0.00	0.0	0	29.25		4.8	15	050	12	020						
25	45	29	37	-2.0				28	0	0744	1728		0.00	0.0	0	29.24		3.3	11	310	9	310						
26	57	28	43	4.1				22	0	0744	1729		0.00	0.0	0	29.31		3.6	12	040	9	030						
27	65	37	51	12.3				14	0	0745	1729	RA BR	0.95	0.0	0	29.08		6.2	24	300	16	270						
28	59	51	55	16.4				10	0	0745	1730	RA BR FG	1.66	0.0	0	28.94		7.4	29	120	24	120						
29	53	43	48	9.5				17	0	0745	1731	BR FG	T	0.0	0	29.15		2.9	9	210	8	200						
30	57	43	50	11.5				15	0	0746	1731		T	0.0	0	29.10		2.4	9	310	8	300						
31	73*	48	61	22.6				4	0	0746	1732		0.48	0.0	0	28.92		12.1	45	190	33	200						
	51.2	36.5	43.9									Monthly Averages Totals	7.50s			29.03	30.08	6.0										
	1.4	4.8	3.1									Departure from Normal (1981-2010)	3.00s															
	Degree Days											Number of days with...																
	Monthly				Season-to-date				Temperature				Precipitation			Snow		Weather										
	Total		Departure		Total		Departure		Max		Min																	
Heating	655		-97		1455				≥90°		≤32°		≤32°			≤0°		≥0.01"			≥0.1"		≥1"		T-Storms		Heavy Fog	
Cooling	0		0		1943				0		0		12			0		12s			9s		0					
Date of 5-sec to 3-sec wind equipment change								Sea Level Pressure								Greatest...												
2007-04-17								Maximum				30.48				Date		26		Time		1010		24-Hr...			Snow Depth	
								Minimum				29.26								2.61s			Snowfall					
																				27-28			Date					
Station Augmentation																												
Name:CONTRACTOR ON AIRPORT Lat: N/A Lon: N/A Elevation: N/A Distance: 2200ft W Elements: TEMP, PRECIP, SNOW Equipment: SRG, PSY, SNOWBOARD, SNOWSTICK																												

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 962 ft. Lat: 35.8181° N Lon: -83.9858° W
Station: KNOXVILLE AIRPORT, TN US 13891

Local Climatological Data Hourly Observations December 2018

Generated on 02/18/2019

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi- bility	Weather Type (see documentation) AU AW MW	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)
						(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
01	0053	7		0.75		56	13.3	56	13.3	56	13.3	100	3	060		28.92	9	0.03	29.96	FM-15	T	29.98
01	0056	7		0.25	FG	56	13.3			56	13.3	100	5	060					FM-16			29.98
01	0100	4	1	0.75		56	13.3	56	13.3	56	13.3	100	3	060		28.92	8	+0.03	29.96	FM-12		29.98
01	0151	6		0.50									0	000					FM-16			
01	0153	7		0.50	FG RA	55	12.8	55	12.8	55	12.8	100	0	000		28.91			29.96	FM-15	0.02	29.97
01	0208	7	FEW:02 3 OVC:08 43	1.25	-RA:02 BR:1 RA RA	56	13.3	56	13.3	56	13.3	100	0	000		28.92				FM-16	0.02	29.97
01	0241	7		0.50	FG	55	12.8			55	12.8	100	6	060					FM-16	0.02		29.95
01	0251	6		0.25									5	070					FM-16			
01	0253	7		0.25	FG RA	55	12.8	55	12.8	55	12.8	100	5	070		28.87		29.93	FM-15	0.01		29.94
01	0345	7		0.50	FG	54	12.2			54	12.2	100	6	080					FM-16	T		29.90
01	0351	6		0.25									3	070					FM-16			
01	0353	7	2	0.25	FG	54	12.2	54	12.2	54	12.2	100	3	070		28.83	9	0.07	29.88	FM-15	0.00	29.90
01	0400	4	2	0.25	FG	54	12.2	54	12.2	54	12.2	100	3	070		28.84	8	+0.07	29.88	FM-12		29.90
01	0415	7		0.75		54	12.2			54	12.2	100	6	020					FM-16			29.89
01	0418	7	BKN:07 2 OVC:08 75	1.75	BR:1	54	12.2	54	12.2	54	12.2	100	5	010		28.84				FM-16		29.89
01	0424	7		1.00		54	12.2			54	12.2	100	6	020					FM-16			29.88
01	0443	7		1.00		54	12.2			54	12.2	100	7	030					FM-16			29.87
01	0450	7	SCT:04 2 BKN:07 80 BKN:07 90	4.00	BR:1	54	12.0	54	12.2	54	12.0	100	8	050		28.82				FM-16		29.87
01	0451	6	SCT:04 2 BKN:07 80 BKN:07 90	1.00	BR:1	54	12.0	54	12.2	54	12.0	100	7	060		28.82				FM-16		29.87
01	0453	7	SCT:04 2 BKN:07 75 BKN:07 90	1.00	BR:1	53	11.7	53	11.7	53	11.7	100	6	060		28.82		29.86	FM-15	0.00		29.87
01	0517	7	BKN:07 4 BKN:07 75 BKN:07 95	1.00V	BR:1	53	11.7	53	11.7	53	11.7	100	3	310		28.82				FM-16		29.87
01	0528	7		0.50	FG	53	11.7			53	11.7	100	0	000					FM-16			29.88
01	0539	7		0.25	FG	52	11.1			52	11.1	100	0	000					FM-16			29.87
01	0553	7	3	0.50	FG	54	12.2	54	12.2	54	12.2	100	6	VRB		28.81		29.86	FM-15	0.00		29.87
01	0630	7	1	0.25	FG	53	11.7			53	11.7	100	3	320					FM-16			29.88
01	0653	7	1	0.12	FG	53	11.7	53	11.7	53	11.7	100	5	290		28.83	9	0.00	29.88	FM-15	0.00	29.90
01	0700	4	1	0.12	FG	53	11.7	53	11.7	53	11.7	100	5	290		28.84	5	+0.00	29.88	FM-12		29.90
01	0708	7	2	0.50	FG RA	53	11.7			53	11.7	100	6	260					FM-16	T		29.91
01	0718	7		0.50	FG RA	53	11.7			53	11.7	100	7	270					FM-16	0.01		29.91
01	0751	6	FEW:02 4 BKN:07 95 OVC:08 110	2.50	RA:02 BR:1 RA RA	54	12.0	54	12.2	54	12.0	100	8	260		28.85				FM-16		29.90
01	0753	7	FEW:02 4 BKN:07 95 OVC:08 110	2.50	RA:02 BR:1 RA RA	53	11.7	53	11.7	53	11.7	100	7	250		28.85		29.88	FM-15	0.05		29.90
01	0853	7	FEW:02 75 FEW:02 90 OVC:08 110	4.00	-RA:02 BR:1 RA RA	53	11.7	52	11.4	52	11.1	96	6	080		28.81		29.84	FM-15	0.08		29.85
01	0951	6	FEW:02 8 SCT:04 70 OVC:08 110	10.00	-RA:02 RA RA	57	14.0	54	12.4	52	11.0	82	6	VRB		28.79				FM-16		29.84

01	0953	7	FEW:02 15 SCT:04 70 OVC:08 110	10.00	-RA:02 RA RA	57	13.9	54	12.4	52	11.1	83	0	000		28.79	8	+0.06	29.82	FM-15	0.04	29.84
01	1000	4	15	9.94	RA	57	13.9	54	12.4	52	11.1	83	0	000		28.79	8	+0.06	29.82	FM-12		29.84
01	1053	7	FEW:02 20 SCT:04 42 BKN:07 105	10.00		56	13.3	55	12.7	54	12.2	93	10	290		28.79			29.83	FM-15	0.01	29.84
01	1153	7	SCT:04 20 SCT:04 45 BKN:07 105	10.00		58	14.4	56	13.2	54	12.2	87	6	VRB		28.77			29.79	FM-15	0.00	29.81
01	1253	7	SCT:04 20 SCT:04 65 BKN:07 80	10.00		64	17.8	58	14.3	53	11.7	68	3	130		28.71	8	+0.08	29.74	FM-15	0.00	29.75
01	1300	4	26	9.94		64	17.8	58	14.3	53	11.7	68	3	130		28.70	8	+0.08	29.74	FM-12		29.75
01	1353	7	OVC:08 45	10.00	-RA:02 RA RA	61	16.1	58	14.5	56	13.3	84	6	310		28.70			29.72	FM-15	T	29.74
01	1453	7	FEW:02 17 OVC:08 40	3.00	-RA:02 BR:1 RA RA	59	15.0	58	14.4	57	13.9	93	3	330		28.68			29.70	FM-15	0.03	29.72
01	1553	7	OVC:08 50	10.00		60	15.6	58	14.6	57	13.9	90	0	000		28.66	8	+0.05	29.69	FM-15	0.01	29.70
01	1600	4	57	9.94		60	15.6	58	14.6	57	13.9	90	0	000		28.65	8	+0.05	29.69	FM-12		29.70
01	1653	7	OVC:08 44	10.00		58	14.4	58	14.4	58	14.4	100	7	340		28.66			29.68	FM-15	0.00	29.70
01	1728	7	FEW:02 25 OVC:08 44	8.00	VCTS:7 -RA:02 RA RA	57	13.9	57	13.9	57	13.9	100	3	320		28.67				FM-16	T	29.71
01	1734	7	FEW:02 25 OVC:08 44	5.00	TS:7 RA:02 BR:1 RA TS RA	58	14.4	57	14.1	57	13.9	97	11	250		28.68				FM-16	T	29.72
01	1751	6	FEW:02 27 BKN:07 42 OVC:08 75	5.00	VCTS:7 -RA:02 RA RA	57	14.0	57	13.9	57	14.0	100	5	330		28.67				FM-16		29.71
01	1753	7	FEW:02 27 BKN:07 42 OVC:08 75	5.00	VCTS:7 -RA:02 RA RA	57	13.9	57	13.9	57	13.9	100	6	350		28.67			29.69	FM-15	0.15	29.71
01	1801	7	FEW:02 27 BKN:07 44 OVC:08 75	10.00		57	13.9	57	13.9	57	13.9	100	6	020		28.65				FM-16	T	29.69
01	1853	7	BKN:07 46 OVC:08 70	10.00		56	13.3	56	13.3	56	13.3	100	5	350		28.65	8	+0.01	29.67	FM-15	0.00	29.69
01	1900	4	41	9.94		56	13.3	56	13.3	56	13.3	100	5	350		28.64	8	+0.01	29.67	FM-12		29.69
01	1953	7	OVC:08 38	5.00	BR:1	56	13.3	56	13.3	56	13.3	100	3	050		28.63			29.66	FM-15	0.00	29.67
01	2036	7	FEW:02 39 OVC:08 150	2.00	BR:1	55	12.8	55	12.8	55	12.8	100	5	020		28.61				FM-16		29.65
01	2045	7	FEW:02 60 OVC:08 150	1.50	BR:1	54	12.2	54	12.2	54	12.2	100	3	320		28.62				FM-16		29.66
01	2051	6		0.50									6	310						FM-16		
01	2053	7		0.50	FG	55	12.8	55	12.8	55	12.8	100	6	320		28.61			29.65	FM-15	0.00	29.66
01	2102	7		0.50	FG	55	12.8			55	12.8	100	3	050						FM-16		29.65
01	2137	7	1	0.50	FG	53	11.7			53	11.7	100	3	030						FM-16		29.64
01	2151	6		0.25									5	030						FM-16		
01	2153	7	1	0.25	FG	53	11.7	53	11.7	53	11.7	100	5	020		28.58	9	0.05	29.62	FM-15	0.00	29.63
01	2200	4	1	0.25	FG	53	11.7	53	11.7	53	11.7	100	5	020		28.58	8	+0.05	29.62	FM-12		29.63
01	2227	7		1.00		53	11.7			53	11.7	100	3	360						FM-16		29.63
01	2249	7		0.75		54	12.0			54	12.0	100	5	010						FM-16		29.62
01	2253	7		0.75		54	12.2	54	12.2	54	12.2	100	3	050		28.57			29.61	FM-15	0.00	29.62
01	2310	7	SCT:04 1 BKN:07 110 OVC:08 150	1.50	BR:1	54	12.2	54	12.2	54	12.2	100	6	340		28.58				FM-16		29.62
01	2329	7	FEW:02 1 SCT:04 65 BKN:07 110	3.00	BR:1	54	12.2	54	12.2	54	12.2	100	15	310		28.60				FM-16		29.64
01	2353	7	FEW:02 3 BKN:07 43 BKN:07 65	8.00		55	12.8	55	12.8	55	12.8	100	11	320		28.61			29.63	FM-15	0.00	29.65

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 962 ft. Lat: 35.8181° N Lon: -83.9858° W
Station: **KNOXVILLE AIRPORT, TN US 13891**

Local Climatological Data
Hourly Remarks
December 2018
Generated on 02/18/2019

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Date	Time (LST)	Remarks
01	0053	MET06012/01/18 00:53:02 METAR KTYS 010553Z 06003KT 3/4SM RVRNO RMK
01	0056	MET06012/01/18 00:56:02 SPECI KTYS 010556Z 06004KT 1/4SM RVRNO RMK
01	0100	SYN09272326 11012 80603 10133 20133 39794 40147 58009 60061 710// 90553 333 10139 20061 555 90106=
01	0151	MET06012/01/18 01:51:02 SPECI KTYS 010651Z 00000KT 1/2SM RVRNO RMK
01	0153	MET06012/01/18 01:53:02 METAR KTYS 010653Z 00000KT 1/2SM RVRNO RMK
01	0208	MET11612/01/18 02:08:02 SPECI KTYS 010708Z 00000KT 1 1/4SM -RA BR FEW003 OVC043 13/13 A2997 RMK AO2 P0002 T01330133 \$ (BB)
01	0241	MET06012/01/18 02:41:02 SPECI KTYS 010741Z 06005KT 1/2SM RVRNO RMK
01	0251	MET06012/01/18 02:51:02 SPECI KTYS 010751Z 07004KT 1/4SM RVRNO RMK
01	0253	MET06012/01/18 02:53:02 METAR KTYS 010753Z 07004KT 1/4SM RVRNO RMK
01	0345	MET06012/01/18 03:45:02 SPECI KTYS 010845Z 08005KT 1/2SM RVRNO RMK
01	0351	MET06012/01/18 03:51:02 SPECI KTYS 010851Z 07003KT 1/4SM RVRNO RMK
01	0353	MET06012/01/18 03:53:02 METAR KTYS 010853Z 07003KT 1/4SM RVRNO RMK
01	0400	SYN07672326 11104 90703 10122 20122 39768 40120 58024 69987 741// 90853 555 90109=
01	0415	MET06012/01/18 04:15:02 SPECI KTYS 010915Z 02005KT 3/4SM RVRNO RMK
01	0418	MET10612/01/18 04:18:02 SPECI KTYS 010918Z 01004KT 1 3/4SM BR BKN002 OVC075 12/12 A2989 RMK AO2 T01220122 \$ (BB)
01	0424	MET05812/01/18 04:24:02 SPECI KTYS 010924Z 02005KT 1SM RVRNO RMK
01	0443	MET05812/01/18 04:43:02 SPECI KTYS 010943Z 03006KT 1SM RVRNO RMK
01	0450	MET09912/01/18 04:50:02 SPECI KTYS 010950Z 05007KT 4SM BR SCT002 BKN080 BKN090 12/12 A2987 RMK AO2 \$ (BB)
01	0451	MET11412/01/18 04:51:02 SPECI KTYS 010951Z 06006KT 1SM BR SCT002 BKN080 BKN090 12/12 A2987 RMK AO2 SFC VIS 4 \$ FIBI (BB)
01	0453	MET12612/01/18 04:53:02 METAR KTYS 010953Z 06005KT 1SM BR SCT002 BKN075 BKN090 12/12 A2987 RMK AO2 SFC VIS 4 SLP112 T01170117 \$ (BB)
01	0517	MET13512/01/18 05:17:02 SPECI KTYS 011017Z 31003KT 1SM BR BKN004 BKN075 BKN095 12/12 A2987 RMK AO2 SFC VIS 2 1/2 VIS 1 1/4V5 T01170117 \$ (BB)
01	0528	MET06012/01/18 05:28:02 SPECI KTYS 011028Z 00000KT 1/2SM RVRNO RMK
01	0539	MET06012/01/18 05:39:02 SPECI KTYS 011039Z 00000KT 1/4SM RVRNO RMK
01	0553	MET06012/01/18 05:53:02 METAR KTYS 011053Z VRB05KT 1/2SM RVRNO RMK
01	0630	MET06012/01/18 06:30:02 SPECI KTYS 011130Z 32003KT 1/4SM RVRNO RMK
01	0653	MET06012/01/18 06:53:02 METAR KTYS 011153Z 29004KT 1/8SM RVRNO RMK
01	0700	SYN09872326 11002 92904 10117 20117 39768 40120 55001 69981 741// 91153 333 10144 20111 70097 555 90112=
01	0708	MET06012/01/18 07:08:02 SPECI KTYS 011208Z 26005KT 1/2SM RVRNO RMK
01	0718	MET06012/01/18 07:18:02 SPECI KTYS 011218Z 27006KT 1/2SM RVRNO RMK
01	0751	MET12312/01/18 07:51:02 SPECI KTYS 011251Z 26007KT 2 1/2SM RA BR FEW004 BKN095 OVC110 12/12 A2990 RMK AO2 RAB04 P0004 \$ FIBI (BB)
01	0753	MET13512/01/18 07:53:02 METAR KTYS 011253Z 25006KT 2 1/2SM RA BR FEW004 BKN095 OVC110 12/12 A2990 RMK AO2 RAB04 SLP120 P0004 T01170117 \$ (BB)
01	0853	MET12612/01/18 08:53:02 METAR KTYS 011353Z 08005KT 4SM -RA BR FEW075 FEW090 OVC110 12/11 A2985 RMK AO2 SLP104 P0009 T01170111 \$ (NS)
01	0951	MET11212/01/18 09:51:02 SPECI KTYS 011451Z VRB05KT 10SM -RA FEW008 SCT070 OVC110 14/11 A2984 RMK AO2 P0004 \$ FIBI (NS)
01	0953	MET13612/01/18 09:53:02 METAR KTYS 011453Z 00000KT 10SM -RA FEW015 SCT070 OVC110 14/11 A2984 RMK AO2 SLP099 P0004 60017 T01390111 58020 \$ (NS)
01	1000	SYN07672326 11466 80000 10139 20111 39748 40099 58020 60047 761// 91453 555 90115=
01	1053	MET12612/01/18 10:53:02 METAR KTYS 011553Z 29009KT 10SM FEW020 SCT042 BKN105 13/12 A2984 RMK AO2 RAE08 SLP101 P0001 T01330122 \$ (NS)
01	1153	MET11412/01/18 11:53:02 METAR KTYS 011653Z VRB05KT 10SM SCT020 SCT045 BKN105 14/12 A2981 RMK AO2 SLP089 T01440122 \$ (NS)
01	1253	MET13812/01/18 12:53:02 METAR KTYS 011753Z 13003KT 10SM SCT020 SCT065 BKN080 18/12 A2975 RMK AO2 SLP070 60018 T01780117 10183 20111 58027 \$ (NS)
01	1300	SYN08672326 12566 81303 10178 20117 39718 40070 58027 60051 91753 333 10183 20111 555 90118=
01	1353	MET11612/01/18 13:53:02 METAR KTYS 011853Z 31005KT 10SM -RA OVC045 16/13 A2974 RMK AO2 RAB32 SLP065 P0000 T01610133 \$ (NS)
01	1453	MET11912/01/18 14:53:02 METAR KTYS 011953Z 33003KT 3SM -RA BR FEW017 OVC040 15/14 A2972 RMK AO2 SLP059 P0003 T01500139 \$ (NS)
01	1553	MET12412/01/18 15:53:02 METAR KTYS 012053Z 00000KT 10SM OVC050 16/14 A2970 RMK AO2 RAE35 SLP053 P0001 60004 T01560139 58017 \$ (NS)
01	1600	SYN07072326 12766 80000 10156 20139 39702 40053 58017 60017 92053 555 90121=
01	1653	MET10012/01/18 16:53:02 METAR KTYS 012153Z 34006KT 10SM OVC044 14/14 A2970 RMK AO2 SLP051 T01440144 \$ (GW)
01	1728	MET17412/01/18 17:28:02 SPECI KTYS 012228Z 32003KT 8SM VCTS -RA FEW025CB OVC044 14/14 A2971 RMK AO2 LTG DSNT E-SW RAB18 FRQ LTGICCC VC S-SW TS VC S-SW MOV NE P0000 T01390139 \$ (GW)
01	1734	MET18312/01/18 17:34:02 SPECI KTYS 012234Z 25010KT 5SM TSRA BR FEW025CB OVC044 14/14 A2972 RMK AO2 LTG DSNT E AND SE RAB18 TSB32 PRESRR OCNL LTGICCC OHD TS OHD MOV NE P0000 T01440139 \$ (GW)
01	1751	MET18612/01/18 17:51:02 SPECI KTYS 012251Z 33004KT 5SM VCTS -RA FEW027CB BKN042 OVC075 14/14 A2971 RMK AO2 LTG DSNT NE AND E RAB18 TSB32E47 OCNL LTGICCC VC NE TS VC NE MOV NE P0015 \$ FIBI (GW)

01	1753	MET19812/01/18 17:53:02 METAR KTYS 012253Z 35005KT 5SM VCTS -RA FEW027CB BKN042 OVC075 14/14 A2971 RMK AO2 LTG DSNT NE AND E RAB18 TSB32E47 SLP055 OCNL LTGICCC VC NE TS VC NE MOV NE P0015 T01390139 \$ (GW)
01	1801	MET14612/01/18 18:01:02 SPECI KTYS 012301Z 02005KT 10SM FEW027 BKN044 OVC075 14/14 A2969 RMK AO2 LTG DSNT NE AND E RAE2255 PRESFR P0000 T01390139 \$ (GW)
01	1853	MET14512/01/18 18:53:02 METAR KTYS 012353Z 35004KT 10SM BKN046 OVC070 13/13 A2969 RMK AO2 RAE2255 SLP049 P0000 60019 T01330133 10178 20133 58005 \$ (GW)
01	1900	SYN08672326 12666 83504 10133 20133 39698 40049 58005 60051 92353 333 10183 20111 555 90200=
01	1953	MET09712/01/18 19:53:01 METAR KTYS 020053Z 05003KT 5SM BR OVC038 13/13 A2967 RMK AO2 SLP044 T01330133 \$
01	2036	MET09712/01/18 20:36:01 SPECI KTYS 020136Z 02004KT 2SM BR FEW039 OVC150 13/13 A2965 RMK AO2 T01280128 \$
01	2045	MET10112/01/18 20:45:01 SPECI KTYS 020145Z 32003KT 1 1/2SM BR FEW060 OVC150 12/12 A2966 RMK AO2 T01220122 \$
01	2051	MET06012/01/18 20:51:03 SPECI KTYS 020151Z 31005KT 1/2SM RVRNO RMK
01	2053	MET06012/01/18 20:53:01 METAR KTYS 020153Z 32005KT 1/2SM RVRNO RMK
01	2102	MET06012/01/18 21:02:01 SPECI KTYS 020202Z 05003KT 1/2SM RVRNO RMK
01	2137	MET06012/01/18 21:37:01 SPECI KTYS 020237Z 03003KT 1/2SM RVRNO RMK
01	2151	MET06012/01/18 21:51:03 SPECI KTYS 020251Z 03004KT 1/4SM RVRNO RMK
01	2153	MET06012/01/18 21:53:01 METAR KTYS 020253Z 02004KT 1/4SM RVRNO RMK
01	2200	SYN07072326 31004 90204 10117 20117 39679 40031 58017 741// 90253 555 90203=
01	2227	MET05812/01/18 22:27:01 SPECI KTYS 020327Z 36003KT 1SM RVRNO RMK
01	2249	MET06012/01/18 22:49:01 SPECI KTYS 020349Z 01004KT 3/4SM RVRNO RMK
01	2253	MET06012/01/18 22:53:01 METAR KTYS 020353Z 05003KT 3/4SM RVRNO RMK
01	2310	MET10812/01/18 23:10:01 SPECI KTYS 020410Z 34005KT 1 1/2SM BR SCT001 BKN110 OVC150 12/12 A2962 RMK AO2 T01220122 \$
01	2329	MET10412/01/18 23:29:01 SPECI KTYS 020429Z 31013KT 3SM BR FEW001 SCT065 BKN110 12/12 A2964 RMK AO2 T01220122 \$
01	2353	MET11812/01/18 23:53:02 METAR KTYS 020453Z 32010KT 8SM FEW003 BKN043 BKN065 13/13 A2965 RMK AO2 SLP035 T01280128 401830111 \$

Local Climatological Data
Hourly Precipitation
December 2018

Generated on 02/18/2019

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	T	0.02	0.01					0.05	0.08	0.04	0.01			T	0.03	0.01		0.15							01	
02		0.02		T	T																				02	
03																									03	
04																									04	
05										T	T				T										05	
06																									06	
07																									07	
08									T	T		T	T	0.03	0.04	0.03	0.01	0.01	0.02	0.03	0.06	0.09	0.13	0.11	08	
09	0.13	0.09	0.06	0.09	0.08	0.08	0.05	0.07	0.11	0.09	0.02	T	T							T	T				09	
10		T	T	0.03s	0.04	0.02	T	T																	10	
11																									11	
12																									12	
13																									13	
14							T	0.01	0.01	0.01	T	T						T	T				0.02	0.06	14	
15	0.04	T					T		T	T	0.07	0.01	T		T	T							T		15	
16																									16	
17								T																	17	
18																									18	
19																									19	
20								0.02	0.04	0.01	0.04	0.11	0.09	0.05	0.03	0.04	0.15	0.08	0.02	0.02	0.01		T	T	20	
21	0.05	T	0.04	0.13	0.08	0.13	0.09	0.12	0.11	0.16	0.14	0.15	0.11	0.07	0.05	0.05	0.01						T	T	21	
22	T		T	T			T																		22	
23											T	0.01	0.01	T		0.01s	T	0.01							23	
24																									24	
25																									25	
26																									26	
27								T									T	T	0.01	0.17	0.06	0.21	0.23	0.27	27	
28	0.26	0.14	0.02	0.07	0.04	0.14	0.09	0.29	0.41	0.20	T														28	
29																								T		29
30																								T		30
31		0.04	0.05										T	0.01				T	T	T	0.01	0.24s	0.04	0.09	31	

Maximum Short Duration Precipitation

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (inches)	0.14	0.19	0.22	0.26	0.32	0.38	0.45	0.57	0.64	0.74	0.84	0.91
Ending Date Time (yyyy-mm-dd hh:mi)	2018-12-28 08:45	2018-12-28 08:45	2018-12-28 08:50	2018-12-28 08:57	2018-12-28 09:04	2018-12-28 09:06	2018-12-28 09:35	2018-12-28 08:58	2018-12-28 09:00	2018-12-28 09:38	2018-12-28 09:35	2018-12-28 09:50

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