

### Local Climatological Data Daily Summary January 2022

Current Location: Elev: 900 ft. Lat: 36.0230° N Lon: -84.2337° W

Generated on 02/17/2022

Station: **OAK RIDGE ASOS, TN US WBAN: 72427053868 (KOQT)**

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	75*	60	68	30.1				0	3	0748	1734	RA FG BR	1.74			28.79		6.0	34	190	18	200	
02	62	41	52	14.1				13	0	0748	1734	RA BR	0.86			28.85		3.4	17	020	9	340	
03	42	29	36	-1.8				29	0	0748	1735	RA SN BR	0.36			29.20		5.0	25	320	14	340	
04	45	25	35	-2.7				30	0	0748	1736		0.00			29.31		2.0	16	240	10	190	
05	52	39	46	8.3				19	0	0748	1737		0.00			29.03		4.0	20	220	12	200	
06	39	25	32	-5.6				33	0	0748	1738	RA SN FG BR UP	0.26			29.00		1.9	18	310	9	340	
07	30	20	25	-12.6				40	0	0748	1739		0.00			29.28		2.0	15	250	8	240	
08	45	21	33	-4.5				32	0	0748	1739		0.00			29.43		0.3	*		4	099	
09	49	36	43	5.5				22	0	0748	1740	RA BR	1.11			29.28		4.1	28	030	15	290	
10	44	28	36	-1.5				29	0	0748	1741		0.00			29.47		3.1	18	360	10	250	
11	43	25	34	-3.4				31	0	0748	1742		0.00			29.52		1.5	17	320	10	330	
12	52	24	38	0.6				27	0	0748	1743		0.00			29.31		1.9	18	260	10	250	
13	53	32	43	5.6				22	0	0748	1744		0.00			28.99		2.5	18	260	9	270	
14	52	30	41	3.6				24	0	0747	1745		0.00			29.02		0.6	11	090	7	060	
15	43	36	40	2.6				25	0	0747	1746		0.00			29.10		4.0	15	040	8	050	
16	40	31	36	-1.5				29	0	0747	1747	RA SN BR	0.98			28.76		4.8	28	050	13	040	
17	32	27	30	-7.5				35	0	0746	1748	SN BR	T			28.85		5.5	25	250	13	260	
18	43	29	36	-1.5				29	0	0746	1749		0.00			29.17		0.8	11	170	7	170	
19	44	30	37	-0.5				28	0	0746	1750	RA BR	0.31			29.14		0.7	9	050	5	190	
20	43	25	34	-3.6				31	0	0745	1751	RA BR	0.22			29.21		3.8	17	060	9	350	
21	30	25	28	-9.6				37	0	0745	1752		0.00			29.37		4.4	20	030	9	060	
22	39	21	30	-7.7				35	0	0744	1753		0.00			29.36		1.6	11	270	7	210	
23	47	21	34	-3.8				31	0	0744	1754		0.00			29.08		2.0	18	220	10	210	
24	54	27	41	3.1				24	0	0743	1755		0.00			28.94		2.0	19	190	13	210	
25	52	28	40	2.1				25	0	0743	1756		0.00			29.03		2.4	16	030	8	360	
26	40	24	32	-6.0				33	0	0742	1757		0.00			29.35		3.2	23	020	10	360	
27	49	19	34	-4.1				31	0	0741	1758		0.00			29.32		0.8	14	270	7	250	
28	42	30	36	-2.3				29	0	0741	1800	SN FZFG BR FG	0.03			29.13		3.2	17	310	10	300	
29	32	18*	25	-13.4				40	0	0740	1801		0.00			29.21		3.6	23	300	15	340	
30	51	21	36	-2.5				29	0	0739	1802		0.00			29.05		2.6	20	250	12	250	
31	53	24	39	0.3				26	0	0739	1803		0.00			29.15		1.3	13	220	8	200	
	45.7	28.1	36.9									<b>Monthly Averages   Totals</b>	5.87			29.15	30.17						
	-0.9	-0.8	-0.8									<b>Departure from Normal (1981-2010)</b>	1.33s										

Degree Days				Number of days with...								
Monthly		Season-to-date		Temperature				Precipitation		Snow	Weather	
Total	Departure	Total	Departure	Max		Min						
Heating				>=90°	<=32°	<=32°	<=0°	>=0.01"	>=0.1"	>=1"	T-Storms	Heavy Fog
Cooling				0	4	26	0	9	8			2

Date of 5-sec to 3-sec wind equipment change		Sea Level Pressure				Greatest...	
2007-03-22		Maximum		Date		Time	
		Minimum				24-Hr...	
						Snowfall	
		30.62		11		0944	
		29.53		16		1609	
						2.30	
						Date	
						01-02	

**Station Augmentation**  
 Name: OAK RIDGE ATDD, TN Lat: 35.998 Lon: -84.2192 Elevation: N/A Distance: 1.5mi SW Elements: TEMP, PRECIP, SNOW Equipment: PRECIP-MODEL TRP525M, TEMP-VAISALA HMP35C, SNOWBOARD, SNOWSTICK

### Local Climatological Data Hourly Observations January 2022

Current Location: Elev: 900 ft. Lat: 36.0230° N Lon: -84.2337° W

Generated on 02/17/2022

Station: OAK RIDGE ASOS, TN US WBAN: 72427053868 (KOQT)

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	0021	7	OVC:08 2	2.00	BR:1	61	16.1	60	15.6	59	15.0	93	0	000		28.91				FM-16		29.88
01	0032	7	OVC:08 2	1.75	BR:1	61	16.1	60	15.6	59	15.0	93	0	000		28.89				FM-16		29.86
01	0053	7	OVC:08 3	1.25	BR:1	60	15.6	59	15.0	59	15.0	96	0	000		28.88	8	+0.06	29.84	FM-15	0.00	29.85
01	0151	6	VV:09 3	0.75	BR:1	61	16.1	60	15.6	59	15.0	94	0	000		28.86				FM-16		29.83
01	0153	7	VV:09 3	0.75	BR:1	60	15.6	59	15.0	59	15.0	96	0	000		28.86			29.81	FM-15	0.00	29.83
01	0241	7	BKN:07 5 OVC:08 15	0.50	FG:2  FG	60	15.6	60	15.6	60	15.6	100	0	000		28.86				FM-16		29.83
01	0253	7	BKN:07 9 OVC:08 15	0.75	BR:1	60	15.6	59	15.0	59	15.0	96	0	000		28.85			29.81	FM-15	0.00	29.82
01	0256	7	SCT:04 9 OVC:08 15	1.00	BR:1	60	15.6	59	15.0	59	15.0	96	0	000		28.85				FM-16		29.82
01	0314	7	OVC:08 15	2.50	BR:1	60	15.6	59	15.0	59	15.0	96	0	000		28.86				FM-16		29.83
01	0326	7	OVC:08 15	3.00	BR:1	61	16.1	60	15.6	60	15.6	97	0	000		28.85				FM-16		29.82
01	0353	7	FEW:02 14 BKN:07 19 OVC:08 24	4.00	BR:1	62	16.7	61	16.1	61	16.1	96	0	000		28.84	6	+0.04	29.80	FM-15	0.00	29.81
01	0453	7	OVC:08 18	10.00		65	18.3	64	17.8	63	17.2	93	5	VRB		28.83			29.78	FM-15	0.00	29.80
01	0553	7	BKN:07 18 BKN:07 22 OVC:08 28	10.00		68	20.0	65	18.3	64	17.8	87	7	VRB		28.84			29.79	FM-15	0.00	29.81
01	0653	7	BKN:07 21 BKN:07 70	10.00		69	20.6	65	18.3	63	17.2	81	8	210	23	28.84	3	0.00	29.79	FM-15	0.00	29.81
01	0705	7	FEW:02 19 SCT:04 24 BKN:07 70	10.00		69	20.6	65	18.3	63	17.2	81	10	210	24	28.85				FM-16		29.82
01	0753	7	SCT:04 19 BKN:07 32 OVC:08 70	10.00		69	20.6	65	18.3	63	17.2	81	8	210		28.85			29.80	FM-15	0.00	29.82
01	0811	7	SCT:04 19 BKN:07 24 OVC:08 33	10.00		69	20.6	65	18.3	63	17.2	81	10	200	21	28.86				FM-16		29.83
01	0853	7	SCT:04 18 SCT:04 24 OVC:08 75	10.00		69	20.6	66	18.9	64	17.8	84	7	VRB	18	28.86			29.81	FM-15	0.00	29.83
01	0953	7	FEW:02 18	10.00		70	21.1	66	18.9	64	17.8	82	9	210	22	28.85	0	-0.01	29.80	FM-15	0.00	29.82
01	1043	7	BKN:07 22	10.00		72	22.2	67	19.4	64	17.8	76	13	200	29	28.84				FM-16		29.81
01	1051	6	SCT:04 22 BKN:07 30 BKN:07 34	10.00		72	22.2	67	19.4	64	17.8	78	13	200	24	28.84				FM-16		29.81
01	1053	7	SCT:04 22 BKN:07 30 BKN:07 34	10.00		72	22.2	67	19.4	64	17.8	76	8	VRB	24	28.84			29.78	FM-15	0.00	29.81
01	1106	7	BKN:07 24 BKN:07 34	10.00		73	22.8	67	19.4	63	17.2	71	11	VRB	30	28.84				FM-16		29.81
01	1116	7	FEW:02 23 SCT:04 28	10.00		74	23.3	68	20.0	64	17.8	71	11	200	26	28.83				FM-16		29.80
01	1138	7	FEW:02 23 SCT:04 49 BKN:07 60	1.75	+RA:02  RA  RA	71	21.7	67	19.4	65	18.3	81	11	210	29	28.82				FM-16	T	29.79
01	1148	7	FEW:02 25 SCT:04 37 BKN:07 49	3.00	-RA:02  RA  RA	70	21.1	66	18.9	64	17.8	83	8	220	21	28.81				FM-16	0.06	29.78

01	1153	7	FEW:02 23 SCT:04 37 BKN:07 50	10.00		70	21.1	67	19.4	65	18.3	84	9	VRB	21	28.79			29.74	FM-15	0.06	29.76
01	1253	7	FEW:02 36 SCT:04 47 BKN:07 75	5.00	-RA:02  RA  RA	69	20.6	66	18.9	64	17.8	84	10	VRB	21	28.77	8	+0.07	29.71	FM-15	T	29.74
01	1353	7	FEW:02 70 SCT:04 90	10.00		74	23.3	68	20.0	64	17.8	71	9	VRB	21	28.73			29.66	FM-15	T	29.69
01	1453	7	FEW:02 45 SCT:04 60 BKN:07 100	10.00		74	23.3	66	18.9	61	16.1	64	14	200	31	28.71			29.64	FM-15	T	29.67
01	1553	7	BKN:07 39 BKN:07 46 OVC:08 60	10.00		73	22.8	66	18.9	62	16.7	69	9	210	21	28.71	5	+0.06	29.65	FM-15	T	29.68
01	1653	7	FEW:02 50	10.00		72	22.2	66	18.9	62	16.7	71	8	210		28.71			29.63	FM-15	0.00	29.67
01	1753	7	FEW:02 110	10.00		72	22.2	66	18.9	62	16.7	71	7	220		28.70			29.63	FM-15	0.00	29.66
01	1853	7	FEW:02 41 BKN:07 60 OVC:08 100	10.00		72	22.2	65	18.3	61	16.1	68	9	210	22	28.70	6	+0.01	29.63	FM-15	0.00	29.66
01	1953	7	FEW:02 38 BKN:07 46 OVC:08 100	10.00		72	22.2	66	18.9	62	16.7	71	3	VRB		28.68			29.60	FM-15	0.00	29.64
01	2002	7	BKN:07 36 BKN:07 46 BKN:07 110	1.75	+RA:02  RA  RA	70	21.1	66	18.9	63	17.2	79	6	250		28.69				FM-16	T	29.65
01	2017	7	FEW:02 21 SCT:04 26 OVC:08 35	2.50V	RA:02 BR:1  RA  RA	67	19.4	65	18.3	64	17.8	91	5	VRB		28.70				FM-16	0.12	29.66
01	2024	7	SCT:04 21 BKN:07 26 OVC:08 35	6.00	-RA:02 BR:1  RA  RA	67	19.4	65	18.3	64	17.8	91	3	250		28.69				FM-16	0.13	29.65
01	2050	7	SCT:04 22 BKN:07 36 OVC:08 60	10.00	-RA:02  RA  RA	68	20.0	65	18.3	64	17.8	88	5	VRB		28.65				FM-16	0.13	29.61
01	2051	6	BKN:07 22 BKN:07 36 OVC:08 60	9.00	-RA:02  RA  RA	68	20.0	65	18.3	64	17.8	88	7	VRB		28.65				FM-16		29.61
01	2053	6	SCT:04 20 BKN:07 26 OVC:08 60	7.00	RA:02  RA  RA	68	20.0	65	18.3	64	17.8	87	9	VRB		28.66			29.59	FM-15	0.15	29.62
01	2057	7	FEW:02 10 BKN:07 19 OVC:08 60	1.75	+RA:02 BR:1  RA  RA	67	19.4	65	18.3	64	17.8	91	15	290	25	28.68				FM-16	T	29.64
01	2103	7	BKN:07 13 BKN:07 23 OVC:08 47	0.50	+RA:02 FG:2  FG RA  RA	65	18.3	64	17.8	63	17.2	93	11	280	25	28.68				FM-16	0.19	29.64
01	2111	7	FEW:02 16 BKN:07 22 OVC:08 47	1.00	+RA:02 BR:1  RA  RA	64	17.8	63	17.2	63	17.2	96	5	VRB	20	28.68				FM-16	0.51	29.64
01	2137	7	BKN:07 27 OVC:08 37	0.75	+RA:02 BR:1  RA  RA	63	17.2	62	16.7	62	16.7	97	5	190		28.68				FM-16	0.85	29.64
01	2149	7	BKN:07 29 OVC:08 38	1.25	+RA:02 BR:1  RA  RA	63	17.2	63	17.2	63	17.2	100	0	000		28.67				FM-16	1.07	29.63
01	2153	7	BKN:07 29 OVC:08 38	1.25V	+RA:02 BR:1  RA  RA	63	17.2	62	16.7	62	16.7	97	3	250		28.68	1	-0.03	29.61	FM-15	1.16	29.64
01	2202	7	BKN:07 34 OVC:08 44	2.00	+RA:02 BR:1  RA  RA	63	17.2	62	16.7	62	16.7	97	3	280		28.69				FM-16	0.10	29.65
01	2211	7	FEW:02 8 BKN:07 29 OVC:08 36	1.75	+RA:02 BR:1  RA  RA	63	17.2	62	16.7	62	16.7	97	3	VRB		28.69				FM-16	0.13	29.65
01	2221	7	FEW:02 8 OVC:08 34	2.00	+RA:02 BR:1  RA  RA	62	16.7	61	16.1	61	16.1	96	5	VRB		28.71				FM-16	0.26	29.67
01	2235	7	FEW:02 8 BKN:07 30 OVC:08 37	4.00	RA:02 BR:1  RA  RA	62	16.7	61	16.1	60	15.6	93	0	000		28.73				FM-16	0.33	29.69

01	2253	7	FEW:02 26 BKN:07 43 OVC:08 110	5.00	RA:02 BR:1  RA  RA	61	16.1	60	15.6	60	15.6	97	0	000		28.70			29.63	FM-15	0.32	29.66
01	2353	7	BKN:07 60 OVC:08 85	10.00	-RA:02  RA  RA	61	16.1	60	15.6	59	15.0	93	0	000		28.71			29.65	FM-15	0.05	29.68

U.S. Department of Commerce  
National Oceanic & Atmospheric Administration  
National Environmental Satellite, Data, and Information Service  
Current Location: Elev: 900 ft. Lat: 36.0230° N Lon: -84.2337° W  
Station: **OAK RIDGE ASOS, TN US WBAN: 72427053868 (KOQT)**

**Local Climatological Data**  
**Hourly Remarks**  
**January 2022**  
Generated on 02/17/2022

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

Date	Time (LST)	Remarks
01	0021	MET08801/01/22 00:21:02 SPECI KOQT 010521Z 0000KT 2SM BR OVC002 16/15 A2988 RMK AO2 T01610150
01	0032	MET09601/01/22 00:32:02 SPECI KOQT 010532Z 0000KT 1 3/4SM BR OVC002 16/15 A2986 RMK AO2 T01610150 RTX
01	0053	MET11701/01/22 00:53:02 METAR KOQT 010553Z 0000KT 1 1/4SM BR OVC003 16/15 A2985 RMK AO2 SLP104 T01560150 10161 20156 58019
01	0151	MET08401/01/22 01:51:02 SPECI KOQT 010651Z 0000KT 3/4SM BR VV003 16/15 A2983 RMK AO2 FIBI
01	0153	MET09601/01/22 01:53:02 METAR KOQT 010653Z 0000KT 3/4SM BR VV003 16/15 A2983 RMK AO2 SLP095 T01560150
01	0241	MET09701/01/22 02:41:02 SPECI KOQT 010741Z 0000KT 1/2SM FG BKN005 OVC015 16/16 A2983 RMK AO2 T01560156
01	0253	MET10401/01/22 02:53:02 METAR KOQT 010753Z 0000KT 3/4SM BR BKN009 OVC015 16/15 A2982 RMK AO2 SLP094 T01560150
01	0256	MET09501/01/22 02:56:02 SPECI KOQT 010756Z 0000KT 1SM BR SCT009 OVC015 16/15 A2982 RMK AO2 T01560150
01	0314	MET09201/01/22 03:14:02 SPECI KOQT 010814Z 0000KT 2 1/2SM BR OVC015 16/15 A2983 RMK AO2 T01560150
01	0326	MET08801/01/22 03:26:02 SPECI KOQT 010826Z 0000KT 3SM BR OVC015 16/16 A2982 RMK AO2 T01610156
01	0353	MET11501/01/22 03:53:02 METAR KOQT 010853Z 0000KT 4SM BR FEW014 BKN019 OVC024 17/16 A2981 RMK AO2 SLP090 T01670161 56013
01	0453	MET09301/01/22 04:53:02 METAR KOQT 010953Z VRB04KT 10SM OVC018 18/17 A2980 RMK AO2 SLP086 T01830172
01	0553	MET10701/01/22 05:53:02 METAR KOQT 011053Z VRB06KT 10SM BKN018 BKN022 OVC028 20/18 A2981 RMK AO2 SLP089 T02000178
01	0653	MET12101/01/22 06:53:02 METAR KOQT 011153Z 21007G20KT 10SM BKN021 BKN070 21/17 A2981 RMK AO2 SLP088 T02060172 10206 20156 53001
01	0705	MET10301/01/22 07:05:02 SPECI KOQT 011205Z 21009G21KT 10SM FEW019 SCT024 BKN070 21/17 A2982 RMK AO2 T02060172
01	0753	MET10701/01/22 07:53:02 METAR KOQT 011253Z 21007KT 10SM SCT019 BKN032 OVC070 21/17 A2982 RMK AO2 SLP091 T02060172
01	0811	MET10301/01/22 08:11:02 SPECI KOQT 011311Z 20009G18KT 10SM SCT019 BKN024 OVC033 21/17 A2983 RMK AO2 T02060172
01	0853	MET11001/01/22 08:53:02 METAR KOQT 011353Z VRB06G16KT 10SM SCT018 SCT024 OVC075 21/18 A2983 RMK AO2 SLP094 T02060178
01	0953	MET10201/01/22 09:53:02 METAR KOQT 011453Z 21008G19KT 10SM FEW018 21/18 A2982 RMK AO2 SLP091 T02110178 50002
01	1043	MET08901/01/22 10:43:02 SPECI KOQT 011543Z 20011G25KT 10SM BKN022 22/18 A2981 RMK AO2 T02220178
01	1051	MET09801/01/22 10:51:02 SPECI KOQT 011551Z 20011G21KT 10SM SCT022 BKN030 BKN034 22/18 A2981 RMK AO2 FIBI
01	1053	MET11001/01/22 10:53:02 METAR KOQT 011553Z 21007G21KT 10SM SCT022 BKN030 BKN034 22/18 A2981 RMK AO2 SLP086 T02220178
01	1106	MET11401/01/22 11:06:02 SPECI KOQT 011606Z 21010G26KT 10SM BKN024 BKN034 23/17 A2981 RMK AO2 PK WND 22026/1603 T02280172
01	1116	MET11401/01/22 11:16:02 SPECI KOQT 011616Z 20010G23KT 10SM FEW023 SCT028 23/18 A2980 RMK AO2 PK WND 22026/1603 T02330178
01	1138	MET14001/01/22 11:38:02 SPECI KOQT 011638Z 21010G25KT 1 3/4SM +RA FEW023 SCT049 BKN060 22/18 A2979 RMK AO2 PK WND 22026/1603 RAB34 P0000 T02170183
01	1148	MET13001/01/22 11:48:02 SPECI KOQT 011648Z 22007G18KT 3SM -RA FEW025 SCT037 BKN049 21/18 A2978 RMK AO2 PK WND 22026/1603 RAB34 P0006 RTX
01	1153	MET15001/01/22 11:53:02 METAR KOQT 011653Z 21008G18KT 10SM FEW023 SCT037 BKN050 21/18 A2976 RMK AO2 PK WND 22026/1603 RAB34E52 PRESFR SLP070 P0006 T02110183
01	1253	MET15501/01/22 12:53:02 METAR KOQT 011753Z 22009G18KT 5SM -RA FEW036 SCT047 BKN075 21/18 A2974 RMK AO2 RAB07E17B39 SLP062 P0000 60006 T02060178 10233 20206 58024
01	1353	MET11501/01/22 13:53:02 METAR KOQT 011853Z 21008G18KT 10SM FEW070 SCT090 23/18 A2969 RMK AO2 RAE22 SLP044 P0000 T02330178
01	1453	MET12801/01/22 14:53:02 METAR KOQT 011953Z 20012G27KT 10SM FEW045 SCT060 BKN100 23/16 A2967 RMK AO2 PK WND 18027/1953 SLP038 T02330161
01	1553	MET16301/01/22 15:53:02 METAR KOQT 012053Z 21008G18KT 10SM BKN039 BKN046 OVC060 23/17 A2968 RMK AO2 PK WND 19029/2007 RAB1956E06B22E35 SLP039 P0000 60000 T02280167 55020
01	1653	MET09301/01/22 16:53:02 METAR KOQT 012153Z 21007KT 10SM FEW050 22/17 A2967 RMK AO2 SLP035 T02220167
01	1753	MET09301/01/22 17:53:02 METAR KOQT 012253Z 22006KT 10SM FEW110 22/17 A2966 RMK AO2 SLP033 T02220167
01	1853	MET13401/01/22 18:53:02 METAR KOQT 012353Z 21008G19KT 10SM FEW041 BKN060 OVC100 22/16 A2966 RMK AO2 SLP033 60000 T02220161 10239 20206 56004
01	1953	MET10701/01/22 19:53:01 METAR KOQT 020053Z VRB03KT 10SM FEW038 BKN046 OVC100 22/17 A2964 RMK AO2 SLP024 T02220167
01	2002	MET11901/01/22 20:02:01 SPECI KOQT 020102Z 25005KT 1 3/4SM +RA BKN036 BKN046 BKN110 21/17 A2965 RMK AO2 RAB00 P0000 T02110172
01	2017	MET13301/01/22 20:17:01 SPECI KOQT 020117Z VRB04KT 2 1/2SM RA BR FEW021 SCT026 OVC035 19/18 A2966 RMK AO2 VIS 1 3/4V5 RAB00 P0012 T01940178
01	2024	MET11801/01/22 20:24:01 SPECI KOQT 020124Z 25003KT 6SM -RA BR SCT021 BKN026 OVC035 19/18 A2965 RMK AO2 RAB00 P0013 T01940178
01	2050	MET11901/01/22 20:50:01 SPECI KOQT 020150Z VRB04KT 10SM -RA SCT022 BKN036 OVC060 20/18 A2961 RMK AO2 RAB00E30B48 PRESFR P0013
01	2051	MET11601/01/22 20:51:03 SPECI KOQT 020151Z VRB06KT 9SM -RA BKN022 BKN036 OVC060 20/18 A2961 RMK AO2 RAB00E30B48 P0013 FIBI
01	2053	MET13201/01/22 20:53:03 METAR KOQT 020153Z 22008KT 7SM RA SCT020 BKN026 OVC060 20/18 A2962 RMK AO2 RAB00E30B48 SLP020 P0014 T02000178 FIBI
01	2057	MET11901/01/22 20:57:01 SPECI KOQT 020157Z 29013G22KT 1 3/4SM +RA BR FEW010 BKN019 OVC060 19/18 A2964 RMK AO2 P0000 T01940178
01	2103	MET11701/01/22 21:03:01 SPECI KOQT 020203Z 28010G22KT 1/2SM +RA FG BKN013 BKN023 OVC047 18/17 A2964 RMK AO2 P0019 T01830172
01	2111	MET11501/01/22 21:11:01 SPECI KOQT 020211Z VRB04G17KT 1SM +RA BR FEW016 BKN022 OVC047 18/17 A2964 RMK AO2 P0051 T01780172
01	2137	MET10701/01/22 21:37:01 SPECI KOQT 020237Z 19004KT 3/4SM +RA BR BKN027 OVC037 17/17 A2964 RMK AO2 P0085 T01720167
01	2149	MET09901/01/22 21:49:01 SPECI KOQT 020249Z 0000KT 1 1/4SM +RA BR BKN029 OVC038 17/17 A2963 RMK AO2 P0107
01	2153	MET13801/01/22 21:53:01 METAR KOQT 020253Z 25003KT 1 1/4SM +RA BR BKN029 OVC038 17/17 A2964 RMK AO2 VIS 3/4V3 SLP027 P0109 60123 T01720167 51010
01	2202	MET10501/01/22 22:02:01 SPECI KOQT 020302Z 28003KT 2SM +RA BR BKN034 OVC044 17/17 A2965 RMK AO2 P0010 T01720167
01	2211	MET11601/01/22 22:11:01 SPECI KOQT 020311Z VRB03KT 1 3/4SM +RA BR FEW008 BKN029 OVC036 17/17 A2965 RMK AO2 P0013 T01720167

01	2221	MET11201/01/22 22:21:01 SPECI KOQT 020321Z VRB04KT 2SM +RA BR FEW008 OVC034 17/16 A2967 RMK AO2 PRESRR P0026 T01670161
01	2235	MET11801/01/22 22:35:01 SPECI KOQT 020335Z 00000KT 4SM RA BR FEW008 BKN030 OVC037 17/16 A2969 RMK AO2 PRESRR P0033 T01670156
01	2253	MET11801/01/22 22:53:01 METAR KOQT 020353Z 00000KT 5SM RA BR FEW026 BKN043 OVC110 16/16 A2966 RMK AO2 SLP035 P0039 T01610156
01	2353	MET12001/01/22 23:53:02 METAR KOQT 020453Z 00000KT 10SM -RA BKN060 OVC085 16/15 A2968 RMK AO2 SLP041 P0006 T01610150 402390156

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 900 ft. Lat: 36.0230° N Lon: -84.2337° W  
 Station: **OAK RIDGE ASOS, TN US WBAN: 72427053868 (KOQT)**

## Local Climatological Data Hourly Precipitation January 2022

Generated on 02/17/2022

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

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												0.06	T	T	T	T								01		
02	0.22	0.19	0.12	0.02	T	T								T	T	T	T		0.02	0.05	0.01	0.07	0.04	0.12	02	
03	0.07	0.12	0.07	0.07	0.03	T																			03	
04																									04	
05																									05	
06					T								0.05	0.05	0.07	0.05	0.01	0.01	0.01	0.01					06	
07																									07	
08																									08	
09						T				T	0.02	0.13	0.02	0.01	0.13	0.11	0.41	0.07	0.13	0.07	0.01	T			09	
10																									10	
11																									11	
12																									12	
13																									13	
14																									14	
15																									15	
16	T	T	0.02	0.03	0.05	0.04	0.09	0.13	0.05	0.01	T	0.09	0.09	0.10	0.03	0.01	0.03	0.07	0.07	0.05	0.02	T	T	T	16	
17						T		T	T	T	T														17	
18																									18	
19													0.08	0.01	0.01	T	T	T				T	0.02	0.09	0.10	19
20	0.04	0.11	0.02	T	0.02	0.02	0.01	T	T																20	
21																									21	
22																									22	
23																									23	
24																									24	
25																									25	
26																									26	
27																									27	
28														T				T	T		T	0.01	0.02	T	28	
29																									29	
30																									30	
31																									31	
Maximum Short Duration Precipitation																										
Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180														
Precipitation (inches)	0.33	0.47	0.56	0.61	0.70	1.02	1.17	1.33	1.43	1.49	1.55	1.64														
Ending Date Time (yyyy-mm-dd hh:mi)	2022-01-01 21:06	2022-01-01 21:10	2022-01-01 21:15	2022-01-01 21:20	2022-01-01 21:30	2022-01-01 21:45	2022-01-01 21:58	2022-01-01 22:19	2022-01-01 22:37	2022-01-01 22:55	2022-01-01 22:32	2022-01-01 23:01														

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