

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Oct 2018	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG	K	DEW	FROST
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE							
Oct-01			52.1	14	12:43	97	64	30.35	30.22	30.29	-0.03						4	
Oct-02			85.2	19	11:58	98	63	30.25	30.07	30.16	-0.13						4	
Oct-03			29.3	11	0:15	98	58	30.09	30.02	30.06	-0.11						3	
Oct-04			30.1	11	12:25	99	56	30.06	29.96	30.01	-0.05						5	
Oct-05			67.6	14	11:47	97	81	30.16	29.96	30.06	0.05						4	
Oct-06			25.4	9	20:53	96	77	30.20	30.13	30.17	0.10						1	
Oct-07			34.4	10	12:29	98	64	30.24	30.17	30.21	0.04						4	
Oct-08			48.5	12	17:18	100	69	30.33	30.23	30.28	0.08				4		4	
Oct-09	1655	1715	39.2	11	16:11	100	71	30.33	30.18	30.26	-0.03				3		5	
Oct-10			48.5	14	11:30	98	76	30.19	29.88	30.04	-0.22						5	
Oct-11	1400	1500	146.0	38	19:22	97	82	29.88	29.36	29.62	-0.42					1	P	
Oct-12			51.5	28	0:21	97	54	29.84	29.46	29.65	0.03						P	
Oct-13	0558	0615	57.7	15	15:53	94	55	30.17	29.80	29.99	0.34						P	
Oct-14	1200	1235	30.8	9	9:31	96	75	30.28	30.17	30.23	0.24						3	
Oct-15	0455	0520	91.7	22	14:02	95	70	30.21	30.01	30.11	-0.12						3	
Oct-16	2203	2400	71.4	16	3:56	90	67	30.23	30.01	30.12	0.01						N	
Oct-17			33.5	15	13:58	98	40	30.22	30.03	30.13	0.00						P	
Oct-18			61.6	18	13:50	94	44	30.46	30.22	30.34	0.22						3	
Oct-19			76.2	18	15:09	99	45	30.40	29.98	30.19	-0.15						5	1
Oct-20	1055	1100	85.6	18	1:48	96	72	29.98	29.69	29.84	-0.35						P	
Oct-21			79.9	28	11:13	92	45	30.30	29.75	30.03	0.19						N	
Oct-22			63.0	15	12:06	98	50	30.38	30.18	30.28	0.26							3
Oct-23			74.3	17	15:12	95	43	30.18	29.99	30.09	-0.20						3	
Oct-24			66.0	17	11:02	94	45	30.27	30.11	30.19	0.10						4	
Oct-25			26.6	13	10:03	98	53	30.28	30.10	30.19	0.00						4	2
Oct-26			53.1	20	18:17	98	92	30.13	29.67	29.90	-0.29						4	
Oct-27	2035	2130	62.7	18	1:13	98	84	29.74	29.53	29.64	-0.27						P	
Oct-28			84.0	18	15:15	96	55	29.92	29.73	29.83	0.19						3	
Oct-29			50.6	17	11:57	99	47	30.12	29.78	29.95	0.13						4	
Oct-30			25.6	13	12:42	99	47	30.21	30.11	30.16	0.21						4	
Oct-31			105.8	20	11:56	94	55	30.16	29.99	30.08	-0.09						3	
TOTAL	Column 23		1857.9	518		2998	1899	935.56	928.49	932.03	TOTAL	0	0	0	2	1	22	3
NUMBER	Mar. Wind Run		31	31	31	31	31	31	31	31	NORMAL	0.0	0.1	0.0	2.3	1.2	18.9	2.1
AVERAGE	Total	1857.9	59.9	16.71	11:48	96.7	61.3	30.18	29.95	30.07	DEPART.	0.0	-0.1	0.0	-0.3	-0.2	3.1	0.9
NORMAL	Miles	1576.5	51.0	17.0		95.4	52.5	30.14	29.96	30.05	Rating ▶	0	0	0	7	1	82	6
Departures	Miles	281.4	8.9	-0.3		1.3	-8.8	0.04	-0.01	0.01	Intensity	GLAZE	SLEET	SNOW	FOG	K	Dew	Frost
MAXIMUM DATES			146.0	38	North	100	92	30.46	30.23	30.34	0.34	GLAZE	SLEET	SNOW	FOG	K	Dew	Frost
1			Oct-11	Oct-11	19:22	Oct-08	Oct-26	Oct-18	Oct-08	Oct-18	Oct-13							
2																		
3																		
4																		
Min. Temps. >= 70°F					Ave. Max.													
2018 3			Dates	25.4	9	31.1	90	40	29.74	29.36	29.62	-0.42						
Ave. 0.2			1	Oct-06	Oct-06	Dep.	Oct-16	Oct-17	Oct-27	Oct-11	Oct-11	Oct-11						
Departure 2.8			2	Oct-14	6.9													
Days Min. <=32 °F		1	MIN.	<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=32	<=30	<=25			
Days Min >=70°F		3	DAYS	31	29	24	20	18	17	14	6	2	1	0	0			

39

40

REMARKS FOR THE MONTH

October - 2018

Oct 2018	
Oct-01	CLOUDS CLEARED AT 0945 AND STAYED CLEAR TO 1400 AND BECAME PC THE REST OF THE DAY
Oct-02	HIGH VERY THIN AM CIRRUS WITH ABOUT 80-90% COVERAGE BUT RADIATION THROUGH CLOUDS OF CIRROSTRATUS AFTER 1700 - MOST OF SKY COVERED WITH CLOUDINESS
Oct-03	CLOUDS STARTED TO COME IN AT 1015 AS MAINLY CIRRUS THEN CUMULUS BY 1300 & PC TO MOSTLY CLOUDY IN PM EST. 50-60%
Oct-04	EXTREMELY WARM FOR OCT. - MUCH SOLAR RADIATION THROUGH CIRRUS IN AM & PM BECAME CLEAR UNTIL 1700-PM EST. 30% CLOUDY
Oct-05	CLOUDY ALL DAY EXCEPT EARLY MORNING & FIRST COOL DAY SINCE SEPT. 23 WHEN IT WAS 67.4°F FOR THE MAX.
Oct-06	ONLY A FEW BREAKS IN CLOUDS AROUND 1315 & 1330 & 1515-VERY WARM FOR OCT.
Oct-07	CUMULUS CAME IN AT 1100 & PM WAS PC WITH CUMULUS - EXTREMELY HOT FOR OCT. - MAX. DEW POINT OF 76°F AT 1250
Oct-08	HEAVY FOG AT 0715 THAT CLEARED BY 0940 & CLOUDS CLEARED BY 1100 THEN PC TO 1345 & THEN CLOUDY AGAIN
Oct-09	FOG CLEARED AROUND 0800 BUT ONLY OCCASIONAL SUN-HIGH DEW POINT WAS 73.7°F-VERY HUMID-AS THIS SUMMER HAS BEEN AND SEEMS AN ENDLESS SUMMER-OCT. NOW RUNNING
Oct-10	IT WAS CLOUDY MOST OF DAY EXCEPT 1100-1145 & VERY HUMID-HURRICANE MICHAEL CAME ASHORE JUST EAST OF PANAMA CITY AROUND 1330 WITH WINDS 155MPH & 3RD STRONGEST
Oct-11	LOW MIN. IN MORNING WAS A VERY HIGH 74.4°F AT 0516-THE 67.8°F MIN. WAS REC. AT 2023-RAIN PD. 0220-0500 ONLY 0.01 INCHES, PD. 1400-1500 WAS 0.01 INS.-HEAVY RAIN STARTED AT
Oct-12	COOLEST SINCE MAY 9TH WHEN IT WAS 48.8°F-BEAUTIFUL FALL LIKE DAY WITH VERY DEEP BLUE SKY
Oct-13	CLEAR FROM 0930-NOON-THEN CUMULUS THAT BECAME THICKER DURING AFTERNOON UNTIL 1545 THEN CLEAR AGAIN-PM EST. TO BE 55-65% CLOUDY
Oct-14	LOWEST MAX. TEMP. TODAY SINCE APRIL 11 WHEN MAX. WAS 60.7°F-MIN. DEW POINT WAS A COOL 43.1°F AT 0346
Oct-15	CLOUDY UNTIL 1100 THEN BROKEN OVERCAST TO PC SKY UNTIL 1400 THEN CLOUDY TO SUNSET - MUCH WARMER BUT COLD FRONT IS APPROACHING
Oct-16	FALL LIKE DAY AND COOLER WITH ONLY A LITTLE SUN AND BREEZY WINDS FROM NORTH & BECAME NE
Oct-17	CLEARING SLOWER TO SOUTH & OCCURRED ABOUT 1030 & PM BECAME VERY CLEAR AFTER 1330-BEAUTIFUL FALL PM
Oct-18	LOWEST MIN. TEMP. SINCE MAY 1 WHEN IT WAS 41.2°F-A VERY SUNNY, BREEZY AND COOL DAY-PAINTED THE DECK
Oct-19	VERY CLEAR DAY EXCEPT SOME LONELY CIRRUS IN AFTERNOON-DEW WAS SO HEAVY IT GAVE 0.01 INCH IN RAIN GAUGE-COLDEST SINCE APRIL 30 WHEN IT WAS 35.3°F
Oct-20	SPRINKLES MOST OF AM-STARTED TO CLEAR AT 1500-PC BY 1615 THEN CLEAR AGAIN BY 1700
Oct-21	VERY CLEAR AND BREEZY FALL DAY WITH LOW REL. HUMIDITY AND ONLY A FEW CUMULUS CLOUDS - LOWEST MAX. TEMP. SINCE APRIL 24 WHEN IT WAS 58.1°F
Oct-22	VERY CLEAR DAY - WIND SHIFTED S TO SW GIVING A GOOD WARM-UP TO 59°F-COLDEST AM SINCE APRIL 8 WHEN IT WAS 29.9°F FOR MIN.
Oct-23	BEAUTIFUL FALL DAY-LOW DEW POINT OF 39.5°F AT 0627 BUT HIGH TEMP. WAS 72°F WITH A VERY DEEP BLUE SKY AND NO CLOUDS SEEN
Oct-24	A LITTLE BELOW AVE. TEMP. AND VERY FEW CLOUDS-LOW REL. HUMIDITY AND BREEZY THAT MADE IT FEEL EVEN COOLER
Oct-25	ALSO FROZEN DEW THIS MORNING-PRETTY FULL HUNTER'S MOON LAST NIGHT-AM EST. 20-25% CLOUDY WITH CIRRUS-PM CIRRUS AND CIRROSTRATUS GIVING A CLOUDY PM
Oct-26	THUNDER TONIGHT AT 2011 BUT HEARD ONLY ONCE-CHILLY DAY FOR OCT.-NEW REC. LOW MAX. FOR 26TH
Oct-27	DRIZZLE IN AM UNTIL 1135 AND BROKEN SKY BY 1530-1630 THEN CLOUDY AGAIN
Oct-28	STARTED TO CLEAR AT 1045 BUT STILL PC AT NOON-PM CLEAR EXCEPT FOR A FEW FAIR WEATHER CUMULUS
Oct-29	CLOUDS CAME IN AS STRATOCUMULUS AROUND NOON-PM CLOUDY TO 1645 THEN CLEAR TO SUNSET-PM EST. 60-70% CLOUDY
Oct-30	LESS BREEZE THAN YESTEDAY BUT MORE SUN MAKING IT FEEL A LITTLE WARMER
Oct-31	AM WAS CLEAR WITH ONLY A FEW SCATTERED CUMULUS THAT BECAME THICKER IN PM BUT STILL A GOOD BIT OF SOLAR RADIATION THROUGH CLOUDS

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Oct-09	14°F ABOVE AVERAGE SO FAR
Oct-10	HURRICANE TO COME ASHORE IN US HISTORY-ONLY LIGHT SPRINKLES DURING RAIN PD. AND LESS THAN 0.01 INCHES
Oct-11	1550-VERY HEAVY RAIN OCCURRED FROM 1855-1935 SAW ABOUT 6-8 LIGHTNING FLASHES BUT HEARD THUNDER ONLY TWICE-VERY DISTANT LIGHTNING NOT RATED AS THIS WAS FROM TROPICAL STORM NOT A TYPICAL TS

The daily records for the month are listed on page # 4 and not found in the remarks.

The link below explains how observations are taken at the Glen Allen Weather Station - Note the Numbers match the column numbers on the Observation Sheet

www.glenallenweather.com/upload/glenallencclimate/loq/2018/Rules.pdf

41
Oct
2018

DAILY RECORDS FOR THE MONTH

The Glen Allen Station had 17 Records or Record Ties for October 2018

1	The maximum temperature on the 1st was 83.3°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 83°F in 2013.
2	
3	The maximum temperature on the 3rd was 89°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 86°F in 2012.
4	The maximum temperature on the 4th was 91.2°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 87°F in 2013. The minimum temperature on the 4th was 65.8°F, a new 10-year warm daily minimum temperature record for the date - the old record was 65°F in 2012.
5	The daily temperature range on the 5th was 8.2°F, a new 10-year LOW daily temperature range record for the date - the old record was 11°F in 2016. The minimum temperature on the 5th was 66.2°F, a new 10-year warm daily minimum temperature record for the date - the old record was 63°F in 2013.
6	The minimum temperature on the 6th was 65.1°F, a new 10-year warm daily minimum temperature record for the date - the old record was 65°F in 2013.
7	The maximum temperature on the 7th was 89.2°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 82.4°F in 2017. The minimum temperature on the 7th was 69°F, a new 10-year warm daily minimum temperature record for the date - the old record was 62.7°F in 2016.
8	The maximum temperature on the 8th was 85.9°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 84.4°F in 2017.
9	
10	
11	The daily precipitation on the 11th was 4.03 inches, a new 10 year HIGH daily precipitation record for the date - the old record was 1.91 inches in 2017.
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	The minimum temperature on the 21st was 36.6°F, a new 10-year LOW daily minimum temperature record for the date - the old record was 38°F in 2013. The maximum temperature on the 21st was 58.5°F, a new 10-year cold daily maximum temperature record for the date - the old record was 66°F in 2011.
22	The minimum temperature on the 22nd was 31.1°F, a new 10-year LOW daily minimum temperature record for the date - the old record was 35°F in 2008.
23	
24	
25	The maximum temperature on the 25th was 55.2°F, a new 10-year cold daily maximum temperature record for the date - the old record was 58°F in 2013.
26	The daily precipitation on the 26th was 1.14 inches, a new 10 year HIGH daily precipitation record for the date - the old record was 0.34 inches in 2009. The maximum temperature on the 26th was 50.7°F, a new 10-year cold daily maximum temperature record for the date - the old record was 57.7°F in 2015.
27	
28	
29	
30	
31	

OCTOBER TEMPERATURE GRAPH

