

Monthly High Wind Speeds

Months	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		YEAR		
YEAR	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max. for Year	Remarks	
1986	24	20	22	25	26	07,19	20	08,18	20	01,05	29	20	39	09	28	27	20	12,16,26	20	04,10	23	09	28	04	39 on Jul 09	Fastest Mile	
1987	40	23,26	48	09	43	09	40	25	46	02	53	12	48	12	32	22	36	30	40	06	41	21	40	29	53 on Jul 12	Peak Gust	
1988	37	26	37	27	37	26	48	27	48	23	41	26	54	09	24	29	39	04	32	22,24	54	05	49	28	54 on Jul 09	Peak Gust	
1989	43	03	40	21	67	18	41	04	79	06	48	15	24	21	39	21	49	23	36	21	48	21	41	03	SW 79-May 06	Peak Gust	
1990	39	29	45	24	43	17	41	10	47	10	45	18	48	01	M	M	29	26	43	26	35	10,17	40	18	48 on Jul 01	Peak Gust	
1991	40	31	43	14	40	24,28	39	24	30	02,31	32	01,22	28	02,19	38	20	26	19	29	19	33	30	48	03	48 on Dec 03	Peak Gust	
1992	47	14	35	29	49	10	49	24	41	08	37	19	52	15	48	28	33	23	35	11	38	12	45	10	W 52 Jul 15	Peak Gust	
1993	38	24	41	16	51	13	36	26	37	16	35	05	36	07	46	20	38	27	36	21	38	28	39	05	SE 51 Mar 13	Peak Gust	
1994	39	04	36	26	46	18	45	29	45	25	47	27	46	10	43	14	44	22	35	20	39	20	39	24	47 on Jun 27	Peak Gust	
1995	36	15	41	04	58	08	35	22	36	25	29	11	40	24	30	05	31	01	49	27	51	11	30	20	58 on Mar 08	Changed- Oct.	
1996	46	19	36	11	49	05	51	16	60	11	38	24	37	08	52	27	53	06	46	08	40	08	48	01	60 on May 11	5sec Gust	
1997	43	10	49	27	44	31	44	01	47	15	40	26	37	22	43	04	39	20	31	01	33	24	36	01	49 on Feb 27	5sec Gust	
1998	41	28	48	04	41	14	56	09	34	09	53	16	32	09	39	10	46	07	31	29	41	11	37	08	56 on Apr 09	5sec Gust	
1999	40	03	38	12	43	04	53	23	37	24	29	29	44	28	38	30	51	16	34	18	46	02	37	05	53 on Apr 23	5sec Gust	
2000	48	13	33	19	40	28	47	08	41	13	55	15	29	20	59	04	32	15	41	06	32	29	45	17	59 on Aug 04	5sec Gust	
2001	38	27	35	09	45	13	43	09	36	25	39	06	39	02	31	12	31	30	39	25	38	30	38	13	45 on Mar 13	5sec Gust	
2002	32	13	48	01	39	21	41	19	44	13	44	06	40	09	32	24	31	27	35	13	43	30	38	25	48 on Feb 01	5sec Gust	
2003	36	01	44	23	46	26	41	10	40	08	41	11	48	22	39	05	72	18	41	14	46	13	33	11	72 on Sep 18	5sec Gust	
2004	33	15	36	21	48	07	40	04	44	02	46	18	38	07	51	30	40	17	33	16	31	25	43	01	51 on Aug 30	5sec Gust	
2005	39	14	33	10	49	08	40	03	32	08	29	19	35	07	40	06	30	26	36	07	39	22	35	02	56 on Apr 09	5sec Gust	
2006	47	18	39	04	51	15	43	03	40	19	36	07	33	28	44	28	45	28	38	28	45	12	44	01	51 on Mar 15	5sec Gust	
2007	38	29	49	22	44	03	51	16	41	26	54	27	56	19	59	16	30	11	31	28	32	16	45	16	59 on Aug 16	5sec Gust	
2008	44	11	63	10	59	08	38	04	41	12	54	27	58	04	38	07	40	06	43	23	43	27	49	31	63 on Feb 10	Changed- Jun	
2009	45	07	52	12	46	01	43	22	63	09	41	21	40	26	64	22	36	28	39	07	43	27	38	29	64 on Aug 22	3 sec Gust	
2010	43	25	43	26	37	30	43	26	43	14	44	12	47	29	47	05	38	30	45	12	43	17	48	13	47 on Aug 05	3 sec Gust	
2011	32	08	52	25	61	10	58	05	52	24	47	11	53	04	70	27	47	15	40	27	47	23	64	07	70 on Aug 27	3 sec Gust	
2012	44	17	52	25	51	28	39	10	33	10	60	25	48	24	61	02	37	08	40	29	35	13	40	21	61 on Aug 02	3 sec Gust	
2013	54	31	43	01	48	06	39	19	46	16	48	13	36	10	36	01	49	12	37	07	38	24	38	22	54 on Jan 31	3 sec Gust	
2014	46	03	54	21	46	12	43	15	49	09	38	19	33	04	28	31	30	22	43	21	46	02	37	07	54 on Feb 21	3 sec Gust	
2015	43	30	56	14	55	31	44	22	32	12	70	25	53	19	33	06	41	13	31	04	33	13	36	23	70 on Jun 25	3 sec Gust	
2016	43	23	48	24	38	28	50	07	51	14	60	16	58	19	39	15	35	06	45	09	40	19	45	29	60 on Jun 16	3 sec Gust	
2017	46	26	50	09	48	01	49	06	51	15	39	24	56	23	39	18	29	30	40	29	40	19					
2018																											
2019																											
2020																											
Months	Jan	Day	Feb	Day	Mar	Day	Apr	Day	May	Day	Jun	Day	Jul	Day	Aug	Day	Sep	Day	Oct	Day	Nov	Day	Dec	Day	Maximum		
TOT.	1304		1389		1488		1390		1386		1401		1365		1310		1227		1194		1274		1273				
NUM.	32		32		32		32		32		32		32		31		32		32		32		31				
AVE.	40.8		43.4		46.5		43.4		43.3		43.8		42.7		42.3		38.3		37.3		39.8		41.1				
MAX.	54	31	63	10	67	18	58	05	79	06	70	25	58	04	70	27	72	18	49	27	54	05	64	07			
MIN.	24		22		26		20		20		29		24		24		20		20		23		28				
Months	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEAR														
Read the following Documents on the Ways Wind Speed is Recorded - Peak Gust - 5 Sec Gust - Fastest Mile and see the US Weather Map during Hurricane Hazel																											
Month	Day	Yr.	Event Causing the high wind speed - - -																								
Oct	15	1954	Hurricane Hazel gave Richmond a peak wind gust of 79 mph (fastest mile 68 mph) and the lowest barometric pressure of 28.75 inches as of 1954. Hazel gave only 1.15 inches of rain as it was moving at about 50 mph. The highest forward speed of Atlantic Hurricanes was the 1938 New England storm that may have moved as fast as 70 mph.																								
1	May	06	1989	A severe thunderstorm with 1.80 inch rainfall and hail with SW winds to 79 mph ahead of a cold frontal passage.																							
2	May	11	1996	A passing thunderstorm gave only 0.15 inches rainfall but with NNE winds to 60 mph.																							
3	Aug	18	2003	Hurricane Isabel hit the NC coast then Richmond. Governor Mark Warner described Isabel as "probably the worst storm in a generation." Fatalities 36 & total damage was \$1.9 billion dollars.																							
4	Feb	10	2008	A very strong cold frontal passage gave 63 mph NNE winds but without any precipitation.																							
5	Aug	22	2009	The Richmond International Airport had a heavy thunderstorm giving winds to 64mph and 1.56 inches rain. Glen Allen had winds to only 20mph but had 1.01 inches of rain.																							
6	Aug	27	2011	Hurricane Irene is ranked as the seventh-costliest hurricane in United States history at \$15.6 billion dollars and killed at least 56 people.																							
7	Aug	2	2012	The Richmond International Airport had a squall line thunderstorm with winds to 61 mph and 0.65 inches rain. Glen Allen had only 33 mph but had 1.35 inches of rain.																							
8	Jun	25	2016	A severe electrical storm at Glen Allen with 1.19 inches of rain & caused the failure of one computer hard drive. The Airport had NNE winds to 70 mph & 0.93 inches of rain.																							
9	Jun	16	2016	The worst thunderstorm to hit Glen Allen since 6-25-2012. Much wind damage over Henrico with power outage of 160,000 in Henrico																							