

## Snowfall

Amount (inches)	Beckley, WV*		Roanoke, VA		Lynchburg, VA		Richmond, VA		Norfolk, VA		Asheville, NC		Greensboro, NC		Charlotte, NC		Raleigh, NC	
	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)
>1.0	0.2	~100	0.3	~100	0.3	~100	0.4	~100	0.7	~100	0.3	~100	0.5	~100	0.9	~100	0.7	~100
>2.5	0.3	~100	0.4	~100	0.4	~100	0.6	~100	1.1	91	0.6	~100	0.9	~100	1.4	71	1.2	83
>5.0	0.8	~100	0.7	~100	1.1	91	1.2	83	2.7	37	1.8	56	2.0	50	3.2	31	2.1	48
>7.5	1.9	53	1.5	67	2.3	43	2.8	36	7.6	13	3.1	32	4.2	24	6.9	14	6.1	16
>10.0	3.6	28	2.9	34	3.9	26	9.2	11	13.3	8	6.9	14	13.8	7	11.0	9	13.8	7
>15.0	13.3	8	7.9	13			27.5	4	53.0	2	55.0	2					55.0	2
>20.0	20.0	5	55.0	2							55.0	2					55.0	2

Amount (inches)	Wilmington, NC		Bristol, TN		Knoxville, TN		Chattanooga, TN		Green-Spart, SC**		Columbia, SC		Athens, GA***		Atlanta, GA		Augusta, GA****	
	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)	MRI	Annual Prob (%)
>1.0	2.4	42	0.3	~100	0.4	~100	1.1	91	0.7	~100	2.2	45	1.3	77	1.8	56	3.2	31
>2.5	4.2	24	0.6	~100	0.7	~100	1.9	53	1.3	77	4.3	23	2.8	36	3.5	29	9.0	11
>5.0	9.2	11	1.7	59	1.8	56	5.2	19	4.0	25	15.7	6	11.0	9	17.7	6	45.0	2
>7.5	23.0	4	3.7	27	4.2	24	13.0	8	6.7	15	23.5	4	44.0	2	53.0	2		
>10.0	23.0	4	9.2	11	18.3	5	26.0	4	13.3	8	47.0	2						
>15.0	46.0	2	55.0	2	55.0	2	52.0	2										
>20.0							52.0	2										

\* Beckley, WV time series: 40 years

\*\* Greenville-Spartanburg, SC time series: 41 years

\*\*\* Athens, GA time series: 48 years

\*\*\*\* Augusta, GA time series: 54 years

MRI = the reciprocal of the probability that an event will occur in a given time span ( *Shaeffer, J.T., 1984: The mean recurrence interval (MRI). Central Region Technical Attachment 84-6, Kansas City, MO, 5 pp.* )

Annual Probability = the percent probability that an event with a given intensity will occur in a given year ( 1 / MRI)