

Sleet

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 (%)
Measurable	2.7	37	1.5	67	1.5	67	1.5	67	2.8	36	3.2	31	1.1	91	1.2	83	1.3	77
>0.12	40.0	3	4.6	22	4.2	24	11.0	9	13.3	8	11.0	9	5.0	20	5.5	18	3.7	27
>0.25			11.0	9	18.3	5	27.5	4			27.5	4	9.2	11	9.2	11	6.9	14
>0.50															55.0	2	18.3	5
>0.75																	27.5	4
>1.00																	55.0	2
>1.50																		

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 (%)
Measurable	4.6	22	7.9	13	3.1	32	2.9	34	2.6	38	3.2	31	2.2	45	4.2	24	9.0	11
>0.12	11.5	9			55.0	2	17.3	6	5.7	18	5.9	17	5.5	18	13.3	8	22.5	4
>0.25	46.0	2					52.0	2	40.0	3	15.7	6	6.3	16	53.0	2		
>0.50									40.0	3	23.5	4	11.0	9	53.0	2		
>0.75											47.0	2	44.0	2	53.0	2		
>1.00											47.0	2	44.0	2	53.0	2		
>1.50																		

* 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)