

Snow Cover Risk for West Virginia Locations

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The following example explains how to use this table.

In Barbour County at the Belington Station there is a 25% risk of having more than 8" of snow cover for more than 10 days. This means that, in 1 year out of 4, this location probably will have snow cover greater than 8" for more than 10 days. At the 10% level, in 1 year out of 10, this location probably will have snow cover greater than 8" for more than 22 days. This table can be used to estimate how many days that livestock have to be fed hay because the snow is too deep for grazing.

Risk of snow cover being deeper than the listed depth for more than the listed number of days at various locations in West Virginia (page 1 of 3).

						Snow Depth						Length of Record
						1 inch			8 inches			
						Risk Level						
County	Station	ID	Elev.	Lat.	Long.	50%	25%	10%	50%	25%	10%	
			ft	N	W	Days of Snow Cover						years
Barbour	Belington	633	1680	3902	7956	45	58	69	4	10	22	48
Barbour	Philippi	6982	1280	3909	8002	37	50	58	5	8	17	49
Berkeley	Martinsburg FAA AP	5707	540	3924	7759	19	31	48	3	7	14	71
Boone	Madison	5563	679	3803	8149	16	22	31	3	8	12	48
Braxton	Burnsville Lake	1282	1142	3852	8040	22	34	45	6	10	15	47
Braxton	Centralia	1526	951	3837	8034	11	21	42	3	6	11	41
Braxton	Gassaway	3361	840	3841	8046	19	32	40	4	10	17	44
Braxton	Sutton Lake	8662	900	3840	8042	24	36	49	4	7	13	45
Clay	Clay	1696	722	3827	8105	18	30	37	5	11	20	48
Doddridge	West Union	9458	781	3918	8046	24	42	56	10	22	28	24
Fayette	Belva	661	712	3814	8112	15	33	44	3	5	8	26
Fayette	Hico	4128	1982	3807	8100	35	46	59	4	10	16	41
Fayette	Oak Hill	6591	1991	3758	8109	36	43	56	5	10	13	49
Gilmer	Glenville	3544	781	3856	8050	20	32	45	3	8	18	70
Grant	Bayard	527	2382	3916	7922	69	90	106	16	32	57	71
Greenbrier	Lewisburg	5224	2251	3748	8026	17	31	47	4	9	16	47
Greenbrier	White Sulphur Springs	9522	1913	3748	8018	10	22	37	2	7	16	53
Hampshire	Romney	7730	820	3921	7845	26	38	51	7	12	23	44
Hardy	Mathias	5739	1552	3852	7852	29	41	54	6	16	38	43
Hardy	Moorefield	6163	801	3904	7858	9	17	25	2	6	14	35
Hardy	Wardensville	9281	961	3906	7835	16	25	45	3	9	17	66
Harrison	Clarksburg	1677	981	3916	8021	26	40	47	4	9	18	70

Risk of snow cover . . . various locations in West Virginia (page 2 of 3).

						Snow Depth						Length Of Record
						1 inch			8 inches			
						Risk Level						
County	Station	ID	Elev.	Lat.	Long.	50%	25%	10%	50%	25%	10%	
			ft	N	W	Days of Snow Cover						years
Jackson	Ripley	7552	610	3849	8143	18	27	37	3	8	18	46
Jefferson	Kearneysville	4763	550	3923	7753	19	32	46	5	9	19	40
Kanawha	Charleston AP	1570	950	3822	8136	21	33	41	4	9	9	48
Kanawha	Clendenin	1723	620	3829	8121	25	31	42	4	8	15	43
Kanawha	London Locks	5365	620	3812	8122	17	26	34	2	4	10	50
Lewis	Weston	9436	1030	3902	8028	35	48	64	6	11	21	50
Lincoln	Branchland	1075	600	3813	8212	13	26	33	4	10	13	46
Lincoln	Hamlin	3846	640	3817	8206	19	31	41	3	8	10	49
Logan	Logan	5353	664	3751	8200	15	22	32	3	6	7	43
Logan	Man	5600	751	3744	8153	11	17	28	4	9	10	24
Marion	Fairmont	2920	1020	3928	8009	30	43	56	4	11	22	71
Marion	Mannington	5626	981	3932	8021	34	43	60	7	17	31	49
Marshall	Moundsville	6248	620	3954	8045	13	28	39	9	18	30	28
Mason	Hogsett	4200	561	3841	8211	15	23	35	5	9	13	44
Mason	Gallipolis											
Mason	Racine	7287	581	3855	8155	12	27	42	8	13	19	25
Mason	L&D											
McDowell	laeger	4408	981	3728	8149	5	12	20	4	5	6	34
Mercer	Athens	355	2602	3725	8101	22	30	52	4	8	19	42
Mercer	Bluefield	921	2892	3718	8113	35	40	55	4	10	12	38
Mercer	FAA AP											
Mercer	Princeton	7207	2411	3722	8105	25	33	38	3	7	12	49
Mingo	Williamson	9610	702	3740	8217	9	22	28	2	5	9	39
Monongalia	Lake Lynn	5002	900	3943	7951	25	39	52	8	10	14	49
Monongalia	Morgantown	6202	1247	3938	7955	32	42	50	5	9	15	48
Monongalia	FAA AP											
Monongalia	Morgantown	6212	830	3938	7958	21	31	46	5	12	20	46
Monongalia	L&D											
Monroe	Alderson	102	1552	3743	8038	13	24	36	3	7	11	43
Monroe	Union	9011	1982	3736	8032	23	30	42	4	13	17	44
Morgan	Cacapon SP	1324	951	3930	7818	20	32	59	6	11	41	24
Nicholas	Summersville	8614	1757	3814	8053	34	50	63	3	9	16	31
Nicholas	Lake											
Pendleton	Franklin	3215	1703	3842	7920	7	15	49	2	6	24	20
Pocahontas	Buckeye	1215	2103	3811	8008	46	56	81	9	28	39	44
Pocahontas	Marlinton	5672	2152	3813	8005	24	43	50	4	11	14	25
Pocahontas	Seneca State	8051	2503	3820	7954	63	74	84	9	16	38	31
Pocahontas	Forest											
Pocahontas	Snowshoe	8308	4715	3825	8000	87	113	133	42	54	88	22

Risk of snow cover . . . various locations in West Virginia (page 3 of 3).

						Snow Depth						Length Of Record
						1 inch			8 inches			
						Risk Level						
County	Station	ID	Elev. ft	Lat. N	Long. W	50%	25%	10%	50%	25%	10%	years
						Days of Snow Cover						
Preston	Albright	94	1220	3929	7938	28	43	59	4	14	28	41
Preston	Brandonville	1083	1801	3940	7937	53	67	79	16	19	44	34
Preston	Rowlesburg	7785	1381	3921	7940	50	61	76	7	18	36	50
Preston	Terra Alta	8777	2543	3926	7931	73	85	102	17	34	51	34
Putnam	Winfield Locks	9683	571	3832	8155	14	22	34	4	7	8	46
Raleigh	Beckley	582	2504	3747	8107	42	48	65	7	12	19	35
Raleigh	Beckley WSO AP VA Hosp	580	2330	3746	8112	29	43	56	4	10	15	50
Randolph	Dailey	2151	1991	3849	7953	45	54	64	5	12	20	35
Randolph	Elkins WSO AP	2718	1985	3853	7951	43	53	67	5	13	23	70
Randolph	Glady	3464	2841	3848	7943	76	90	98	20	33	49	24
Randolph	Valley Head	9086	2451	3833	8002	47	57	68	6	12	21	49
Roane	Spencer	8384	791	3848	8121	19	31	45	4	9	15	58
Summers	Bluestone Lake	939	1401	3738	8053	16	27	37	4	10	13	49
Summers	Flat Top	3072	3235	3735	8107	49	61	76	11	21	26	67
Tucker	Canaan Valley	1393	3250	3903	7926	74	92	99	27	43	66	46
Tucker	Parsons	6867	1650	3906	7940	51	60	70	7	17	29	47
Tucker	Thomas	8807	3002	3909	7930	89	102	111	28	43	67	47
Tyler	Ben's Run	687	650	3927	8107	17	31	49	7	16	32	32
Tyler	Middlebourne	5963	751	3929	8052	20	37	47	7	18	28	50
Upshur	Buckhannon	1220	1450	3900	8016	36	50	59	5	9	20	47
Wayne	Dunlow	2522	1302	3759	8223	16	24	51	4	9	29	20
Wayne	Huntington SP	4397	522	3825	8230	11	25	38	2	7	9	20
Wayne	Huntington WSO AP	4393	827	3822	8233	20	29	43	4	9	12	36
Webster	Camden on Gauley	1363	2031	3822	8036	44	57	70	7	15	30	48
Webster	Hacker Valley	3798	1503	3839	8023	37	60	78	6	13	30	35
Wirt	Creston	2054	640	3857	8116	16	29	38	5	8	18	47
Wood	Parkersburg	6859	615	3916	8134	16	29	43	5	8	12	66
Wood	Parkersburg FAA AP	6849	840	3921	8126	21	35	46	6	9	15	46
Wyoming	Kopperston	4956	1732	3744	8135	29	36	47	4	16	27	30