

Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)														
						1.1 Year (10%)	1.2 Year (20%)	2 Year (50%)	2.5 Year (60%)	3.3 Year (70%)	5 Year (80%)	10 Year (90%)	20 Year (95%)	25 Year (96%)	50 Year (98%)	100 Year (99%)				
Alabama																				
ANDALUSIA 1 NW	10252	N3119	W08630	260	64.6	1	2	8	10	13	17	24	31	33	39	46				
ANNISTON FAA AP	10272	N3335	W08551	599	62.0	2	4	14	18	24	31	44	56	60	71	83				
BAY MINETTE	10583	N3053	W08747	268	67.0	*	0	1	3	4	7	12	18	20	26	33				
BELLE MINA 2 N	10655	N3442	W08653	600	60.5	6	12	34	44	56	72	99	124	133	157	181				
BIRMINGHAM WSO	10831	N3334	W08645	620	62.2	3	6	18	23	30	38	52	66	70	83	96				
BREWTON 3 SSE	11084	N3104	W08703	85	65.6	*	0	2	3	5	8	13	19	21	28	35				
CHATOM 3 N	11566	N3130	W08815	285	65.5	*	0	3	5	7	10	17	23	26	33	40				
CLANTON	11694	N3251	W08638	580	61.9	3	6	17	22	27	34	46	56	60	70	80				
DAYTON	12188	N3221	W08739	225	64.2	3	5	13	16	20	25	32	39	41	48	54				
DEMOPOLIS LOCK AND DAM	12245	N3231	W08750	100	63.3	2	4	13	16	21	27	37	46	49	58	66				
EUFAULA	12730	N3159	W08506	220	64.6	1	3	8	10	13	17	22	27	29	34	38				
EVERGREEN	12758	N3126	W08656	216	64.8	0	2	7	10	13	17	25	33	36	44	51				
FAIRHOPE 2 NE	12813	N3033	W08753	23	67.4	*	*	1	2	3	5	8	12	14	18	23				
FAYETTE	12883	N3341	W08749	365	61.5	5	9	21	26	32	39	51	61	64	74	83				
FRISCO CITY	13105	N3126	W08724	410	65.3	0	1	7	9	12	17	25	33	36	44	53				
GADSDEN STEAM PLANT	13154	N3402	W08600	565	60.8	5	9	23	29	36	45	59	73	77	89	101				
HALEYVILLE	13620	N3414	W08737	950	59.6	13	21	47	57	68	83	105	126	132	150	168				
HEADLAND	13761	N3121	W08520	370	65.5	0	1	6	9	12	16	23	31	33	40	47				
HIGHLAND HOME	13816	N3157	W08619	594	64.3	2	4	12	15	20	25	34	43	46	54	62				
LAFAYETTE	14502	N3254	W08524	830	62.7	1	4	12	15	20	26	35	45	48	57	66				
MARION JUNCTION 2 NE	15121	N3228	W08713	200	63.7	2	4	12	15	19	25	34	42	45	53	61				
MOBILE WSO	15478	N3041	W08815	211	67.5	*	0	2	3	4	7	12	18	20	26	33				
MUSCLE SHOALS FAA AP	15749	N3445	W08737	536	60.7	8	16	39	49	61	76	101	125	132	154	175				
ONEONTA	16121	N3357	W08629	870	59.8	9	16	37	45	55	68	89	107	113	130	146				
OZARK 6 NNW	16218	N3131	W08541	470	65.9	0	1	4	6	9	12	19	25	28	34	41				
ROBERTSDALE 1 E	16988	N3032	W08740	155	66.7	*	0	1	3	4	7	12	17	19	25	32				
ROCK MILLS	17025	N3309	W08518	745	61.3	3	6	16	21	25	32	42	52	54	63	72				
SAINT BERNARD	17157	N3412	W08647	802	59.3	13	22	46	56	67	81	102	121	127	144	160				
SAND MT SUBSTA AU	17207	N3417	W08558	1195	59.5	7	14	39	49	63	81	110	138	146	173	199				
SCOTTSBORO	17304	N3441	W08603	615	59.4	8	15	40	51	64	82	110	137	145	170	195				
SELMA	17366	N3225	W08700	147	66.0	0	1	6	8	11	15	22	29	31	38	45				
TALLADEGA	18024	N3327	W08606	565	61.7	2	5	16	21	26	34	47	59	63	74	85				
THOMASVILLE	18178	N3155	W08744	405	64.2	1	3	10	14	18	24	33	43	46	55	64				
TROY	18323	N3149	W08559	580	65.4	0	1	5	8	10	14	21	28	30	37	44				

Footnotes:

* Probability of occurrence less than indicated probability (Value=0)

** No Freezing Index Values Recorded during 1951-80 period (Value=0)

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Alabama																			
TUSCALOOSA FAA AP	18380	N3314	W08737	170	63.4	1	4	13	17	22	30	43	56	60	73	85			
UNION SPRINGS	18438	N3208	W08543	455	64.0	2	5	13	16	20	25	34	41	44	51	58			
VALLEY HEAD	18469	N3434	W08537	1040	57.5	15	27	63	77	94	116	150	181	191	220	247			
Arizona																			
AJO	20080	N3222	W11252	1763	71.6	*	*	*	*	*	*	0	0	0	0	0			
ANVIL RANCH	20287	N3159	W11123	2750	66.3	*	*	0	1	1	2	4	6	7	9	11			
APACHE POWDER COMPANY	20309	N3154	W11015	3690	62.5	*	0	2	3	5	8	13	18	20	26	32			
BARTLETT DAM	20632	N3349	W11138	1650	70.4	**	**	**	**	**	**	**	**	**	**	**	**	**	
BETATAKIN	20750	N3641	W11032	7286	49.7	107	151	253	288	326	373	439	495	512	560	603			
BLACK RIVER PUMPS	20808	N3329	W10946	6040	52.3	31	46	84	97	112	131	157	180	187	207	225			
BOUSE	20949	N3357	W11401	930	69.5	*	*	*	*	0	0	0	1	1	2	3			
BUCKEYE	21026	N3322	W11235	870	70.3	**	**	**	**	**	**	**	**	**	**	**	**	**	
CANELO 1 NW	21231	N3133	W11032	4985	57.2	3	5	13	16	20	24	32	39	41	47	53			
CASA GRANDE	21306	N3253	W11145	1405	70.1	**	**	**	**	**	**	**	**	**	**	**	**	**	
CASA GRANDE RUINS N M	21314	N3300	W11132	1419	69.3	*	*	*	*	*	*	*	*	*	*	*	0		
CHILDS	21614	N3421	W11142	2650	64.5	*	*	0	1	2	3	6	9	10	14	17			
CHINO VALLEY	21654	N3445	W11227	4750	54.5	4	10	36	48	65	88	128	168	181	222	264			
CHIRICAHUA NAT MON	21664	N3200	W10921	5300	58.2	2	4	12	15	19	24	32	40	43	50	57			
CLIFTON	21849	N3303	W10917	3460	66.0	*	*	0	1	1	3	5	8	9	13	17			
CORDES	22109	N3418	W11210	3773	61.0	0	1	5	7	9	13	20	28	30	38	45			
DEER VALLEY	22462	N3335	W11205	1257	69.6	**	**	**	**	**	**	**	**	**	**	**	**	**	
DOUGLAS B D FAA AP	22664	N3127	W10936	4098	61.6	*	0	3	4	6	10	16	23	25	33	41			
DUNCAN	22754	N3244	W10906	3640	59.1	1	2	11	15	20	28	42	57	61	76	91			
FLAGSTAFF WSO //	23010	N3508	W11140	7006	45.4	128	193	359	418	486	570	693	801	833	927	1013			
FLORENCE	23027	N3302	W11123	1505	69.9	*	*	*	*	*	*	*	*	*	*	*	*	*	
FORT VALLEY	23160	N3516	W11144	7347	42.7	298	395	606	673	746	832	952	1051	1080	1163	1236			
GANADO	23303	N3543	W10934	6340	48.4	144	203	342	388	440	503	592	668	690	755	813			
GILA BEND	23393	N3257	W11243	737	72.4	*	*	*	*	*	*	*	0	0	0	0			
HEBER RANGER STATION	23961	N3424	W11033	6590	48.4	67	100	183	212	245	286	346	397	413	458	499			
HOLBROOK	24089	N3454	W11010	5069	54.0	26	51	141	181	230	298	409	516	550	653	754			
JEROME	24453	N3445	W11207	5245	58.8	3	6	16	20	26	33	45	57	60	71	82			
JUNIPINE	24508	N3458	W11145	5134	55.6	5	10	23	28	35	43	56	68	71	82	92			
KINGMAN NO 2	24645	N3512	W11401	3539	61.7	0	1	6	8	12	17	26	36	39	50	60			
LAVEEN 3 SSE	24829	N3320	W11209	1115	70.7	*	*	*	*	*	*	*	*	*	*	*	*	0	

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Arizona																			
LEES FERRY	24849	N3652	W11136	3210	62.9	2	5	21	29	39	55	82	111	120	150	180			
LEUPP	24872	N3517	W11058	4700	53.6	28	55	156	200	257	334	461	584	624	743	861			
LITCHFIELD PARK	24977	N3330	W11222	1030	70.4	**	**	**	**	**	**	**	**	**	**	**	**	**	
MC NARY	25412	N3404	W10951	7320	47.0	68	103	192	223	259	304	370	428	445	495	541			
MESA EXPERIMENT FARM	25467	N3325	W11152	1230	69.6	**	**	**	**	**	**	**	**	**	**	**	**	**	
MIAMI	25512	N3324	W11053	3560	62.9	*	0	2	3	5	8	13	20	22	28	35			
MONTEZUMA CASTLE N M	25635	N3437	W11150	3180	61.2	0	1	5	8	11	16	25	35	38	49	60			
MORMON FLAT	25700	N3333	W11127	1715	71.2	*	*	*	*	*	*	*	*	*	*	*	0		
NOGALES	25921	N3121	W11055	3808	60.5	*	0	2	3	4	7	11	16	17	22	27			
ORACLE 2 SE	26119	N3236	W11044	4540	62.3	*	0	2	4	6	9	14	20	22	28	35			
ORGAN PIPE CACTUS N M	26132	N3156	W11247	1678	69.4	*	*	*	*	*	*	*	*	*	*	*	*	*	
PARKER	26250	N3410	W11417	425	72.7	**	**	**	**	**	**	**	**	**	**	**	**	**	
PAYSON	26323	N3414	W11120	4913	55.3	3	7	20	25	32	41	55	69	73	86	98			
PEARCE	26353	N3154	W10949	4420	61.8	*	0	3	4	6	9	15	21	24	30	37			
PETRIFIED FOREST NP	26468	N3448	W10952	5440	54.4	24	43	102	126	155	193	252	308	325	377	426			
PHOENIX WSO	26481	N3326	W11201	1117	71.2	**	**	**	**	**	**	**	**	**	**	**	**	**	
PRESCOTT	26796	N3434	W11228	5510	53.0	12	21	49	60	73	90	117	142	150	172	194			
ROOSEVELT 1 WNW	27281	N3340	W11109	2205	67.6	*	*	*	0	0	0	1	2	3	4	5			
SABINO CANYON	27355	N3218	W11049	2640	68.8	*	*	*	*	0	0	0	1	1	2	3			
SACATON	27370	N3304	W11145	1285	69.0	*	*	*	0	0	0	1	2	3	4	5			
SAFFORD EXPERIMENT FRM	27390	N3249	W10941	2954	62.5	0	0	4	6	9	13	19	26	29	36	43			
SAINT JOHNS	27435	N3430	W10922	5730	53.3	35	56	114	135	160	192	239	282	294	332	367			
SAN CARLOS RESERVOIR	27480	N3310	W11031	2532	65.3	*	*	0	1	2	4	6	10	11	14	18			
SANTA RITA EXP RANGE	27593	N3146	W11051	4300	63.8	*	0	1	2	3	5	9	12	14	18	22			
SEDONA RANGER STATION	27708	N3452	W11146	4320	59.9	1	3	10	13	18	23	33	43	46	55	65			
SNOWFLAKE	28012	N3430	W11005	5642	51.6	36	60	130	156	188	228	290	345	362	413	460			
SOUTH PHOENIX	28112	N3323	W11204	1155	69.0	*	*	*	*	*	*	*	0	0	0	0			
SPRINGERVILLE	28162	N3408	W10917	7060	48.0	72	105	188	217	249	289	346	396	411	454	493			
TEMPE	28489	N3326	W11156	1150	69.0	**	**	**	**	**	**	**	**	**	**	**	**	**	
TEMPE CITRUS EXP STA	28499	N3323	W11158	1180	68.7	**	**	**	**	**	**	**	**	**	**	**	**	**	
TOMBSTONE	28619	N3142	W11003	4610	63.6	*	0	1	2	4	6	10	15	16	21	27			
TRUXTON CANYON	28778	N3523	W11340	3820	59.4	2	4	13	17	23	30	42	53	57	68	79			
TUCSON UNIV OF ARIZONA	28815	N3215	W11057	2444	69.4	*	*	*	*	*	*	*	*	0	0	0			
TUCSON WSO	28820	N3207	W11056	2584	68.0	*	*	*	0	0	0	1	2	2	3	4			

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Arizona																			
TUMACACORI NAT MON	28865	N3134	W11103	3267	64.1	*	*	0	1	1	2	5	7	8	11	14			
WALNUT CREEK	29158	N3456	W11249	5090	51.9	9	18	49	63	80	104	142	179	190	226	260			
WELLTON	29211	N3240	W11408	260	70.0	**	**	**	**	**	**	**	**	**	**	**	**	**	
WHITERIVER	29271	N3350	W10958	5280	55.1	10	17	36	44	53	64	82	97	102	116	130			
WICKENBURG	29287	N3358	W11244	2095	65.7	*	*	*	*	0	0	1	2	2	3	4			
WUPATKI NAT MON	29542	N3531	W11122	4908	57.7	9	21	73	99	132	180	265	351	379	466	555			
YUMA CITRUS STATION	29652	N3237	W11439	191	70.8	**	**	**	**	**	**	**	**	**	**	**	**	**	
YUMA WSO	29660	N3240	W11436	194	73.9	**	**	**	**	**	**	**	**	**	**	**	**	**	
Arkansas																			
ALUM FORK	30130	N3448	W09252	780	61.6	10	16	36	44	53	65	83	99	104	119	133			
ARKADELPHIA 2 N	30220	N3409	W09303	196	62.6	4	7	21	26	33	42	57	71	75	89	102			
BATESVILLE LIVESTOCK	30458	N3549	W09147	571	59.2	16	29	69	85	104	129	169	206	217	252	284			
BATESVILLE L AND D 1	30460	N3545	W09138	277	59.8	14	26	62	76	94	116	152	185	196	226	255			
BENTON	30582	N3433	W09237	285	61.2	7	13	32	39	48	60	79	96	101	117	132			
BENTONVILLE 5 WSW	30586	N3621	W09417	1264	57.1	21	40	105	133	168	214	289	360	383	451	517			
BLYTHEVILLE	30806	N3555	W08954	252	61.0	7	16	52	69	90	121	174	226	243	295	348			
BRINKLEY	30936	N3453	W09112	205	60.9	11	21	53	66	83	105	140	174	184	216	246			
CAMDEN 1	31152	N3336	W09249	116	62.9	3	7	19	25	31	39	53	65	69	81	93			
CONWAY	31596	N3505	W09228	316	61.7	8	14	35	44	54	68	90	110	116	135	153			
CORNING	31632	N3624	W09035	293	59.5	17	31	77	95	118	148	196	240	254	296	336			
CROSSETT 7 S	31730	N3302	W09156	175	63.3	3	6	16	21	27	35	47	59	63	74	85			
DARDANELLE	31838	N3513	W09309	330	61.4	7	14	38	48	61	78	105	131	139	164	188			
DE QUEEN	31948	N3402	W09421	420	62.6	4	8	20	25	31	39	52	64	68	80	90			
DES ARC	31968	N3458	W09130	204	61.8	6	13	37	47	60	78	107	136	145	172	199			
DUMAS	32148	N3353	W09129	160	63.4	5	10	23	29	35	43	56	68	72	82	93			
EL DORADO FAA AIRPORT	32300	N3313	W09248	252	63.1	3	6	19	24	30	39	53	67	71	84	97			
EUREKA SPRINGS	32356	N3624	W09344	1518	58.5	19	35	89	111	138	174	232	286	303	354	403			
FAYETTEVILLE FAA AP	32443	N3600	W09410	1251	57.2	23	41	95	117	143	177	230	280	295	341	384			
FAYETTEVILLE EXP STA	32444	N3606	W09410	1270	58.3	16	32	83	106	133	170	231	288	306	361	414			
FORT SMITH WSO //	32574	N3520	W09422	447	60.8	10	19	53	68	86	111	151	190	202	240	276			
GILBERT	32794	N3559	W09243	595	58.4	16	29	67	82	101	124	162	196	207	238	268			
GRAVETTE	32930	N3624	W09428	1250	57.7	23	41	97	120	148	184	242	295	311	361	408			
HELENA 5 NW	33242	N3434	W09040	220	61.4	8	16	46	59	75	97	134	169	181	215	248			
HOPE 3 NE	33428	N3343	W09333	375	61.9	3	8	23	30	38	50	70	89	95	114	132			

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Arkansas																
HOT SPRINGS 1 NNE	33466	N3431	W09303	680	62.8	5	10	28	36	46	59	81	101	108	127	147
JONESBORO	33734	N3550	W09042	345	60.6	9	19	58	76	100	132	186	240	258	311	364
KEO	33862	N3436	W09200	230	61.5	7	13	35	44	55	69	93	115	122	144	164
LEAD HILL	34106	N3625	W09255	810	58.7	19	35	86	107	132	166	219	268	284	330	374
MAGNOLIA 3 N	34548	N3319	W09314	315	63.3	2	5	14	19	24	32	45	57	61	73	84
MALVERN	34562	N3423	W09249	311	61.7	5	10	27	34	43	54	73	90	96	112	128
MAMMOTH SPRING	34572	N3629	W09132	690	58.0	21	38	89	110	136	169	221	269	284	329	371
MARIANNA 2 S	34638	N3444	W09046	234	61.6	8	15	39	48	60	76	100	124	131	152	173
MENA	34756	N3435	W09415	1207	60.8	7	14	37	47	59	75	101	125	133	156	179
MONTICELLO 3 SW	34900	N3336	W09149	300	62.4	6	11	27	34	41	51	67	82	86	99	112
MORRILTON	34938	N3508	W09244	280	62.0	7	13	33	41	51	64	85	104	110	129	146
MOUNT IDA 3 SE	34988	N3432	W09336	697	59.8	7	14	40	52	67	87	120	153	163	195	226
MOUNTAIN HOME 1 NNW	35036	N3620	W09223	800	58.4	22	39	92	114	139	173	226	274	289	334	377
NASHVILLE EXP STATION //	35112	N3400	W09356	550	61.3	7	13	30	36	44	54	70	84	89	102	114
NEWPORT	35186	N3536	W09117	220	60.6	13	25	68	87	110	142	192	241	256	303	348
NIMROD DAM	35200	N3457	W09310	480	59.7	12	24	60	76	94	119	160	197	209	245	279
OKAY	35376	N3346	W09355	300	64.3	3	6	15	19	23	29	38	46	48	56	63
OZARK	35508	N3529	W09350	396	61.5	7	14	37	47	58	74	99	122	130	152	173
PARAGOULD 1 S	35563	N3602	W09030	270	59.9	12	24	67	85	108	140	191	239	255	302	348
PINE BLUFF	35754	N3413	W09201	215	63.7	5	10	26	33	42	53	72	89	95	111	127
POCAHONTAS 1	35820	N3616	W09059	330	59.2	18	33	78	97	119	148	194	237	251	290	328
PRESCOTT	35908	N3348	W09323	308	63.3	5	9	21	25	31	38	49	59	62	71	79
SAINT CHARLES	36376	N3423	W09108	200	61.6	8	16	40	51	64	81	108	134	142	167	191
SEARCY	36506	N3515	W09145	245	61.4	8	16	42	53	66	84	112	138	147	172	196
SILOAM SPRINGS	36624	N3611	W09433	1150	58.3	15	30	84	108	138	178	245	309	330	392	452
STUTTGART 9 ESE	36920	N3428	W09125	198	61.1	7	14	40	51	65	84	115	146	155	184	213
SUBIACO	36928	N3518	W09339	500	61.8	9	16	42	52	65	82	109	135	143	167	190
TEXARKANA FAA AIRPORT	37048	N3327	W09400	361	64.4	2	4	13	16	21	27	36	45	48	57	65
WALDRON	37488	N3454	W09406	675	61.4	10	17	38	46	56	68	87	105	110	126	141
WARREN	37582	N3336	W09204	206	63.0	6	11	26	33	40	50	65	79	84	97	109
WYNNE	38052	N3514	W09047	260	61.1	10	19	49	62	78	99	134	166	176	207	237
California																
ALDERPOINT	40088	N4010	W12337	460	57.3	*	*	0	1	1	2	4	6	7	10	12
ALTURAS RANGER STATION	40161	N4130	W12033	4400	46.6	55	97	228	282	346	431	564	688	726	841	951

Footnotes:

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** No Freezing Index Values Recorded during 1951-80 period (Value=0)

Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)												
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California																		
ASH MOUNTAIN	40343	N3629	W11850	1708	63.0	*	*	*	0	0	0	1	2	2	3	4		
AUBERRY 1 NW	40379	N3705	W11930	2140	59.9	*	*	0	1	1	2	4	7	8	10	13		
AUBURN	40383	N3854	W12104	1292	60.0	*	*	0	0	0	1	2	4	4	6	7		
AVALON PLEASURE PIER	40395	N3321	W11819	25	60.5	**	**	**	**	**	**	**	**	**	**	**	**	
BAKERSFIELD WSO	40442	N3525	W11903	475	65.6	*	*	*	*	*	*	*	*	*	*	*	*	
BARRETT DAM	40514	N3241	W11640	1623	60.8	**	**	**	**	**	**	**	**	**	**	**	**	
BARSTOW	40519	N3454	W11702	2162	64.0	*	*	1	1	3	4	8	11	13	17	21		
BEAUMONT 1 E	40609	N3356	W11658	2605	61.4	*	*	*	*	*	0	0	0	0	1	1		
BERKELEY	40693	N3752	W12215	345	57.2	*	*	*	*	*	*	*	*	*	0	0		
BISHOP WSO	40822	N3722	W11822	4108	56.0	1	5	23	33	47	67	105	146	160	204	250		
BLUE CANYON WSO //	40897	N3917	W12042	5280	50.4	18	29	58	68	80	95	118	137	143	161	177		
BLYTHE	40924	N3337	W11436	268	71.8	**	**	**	**	**	**	**	**	**	**	**	**	
BLYTHE FAA AIRPORT	40927	N3337	W11443	395	73.4	**	**	**	**	**	**	**	**	**	**	**	**	
BOCA	40931	N3923	W12006	5575	42.2	203	308	576	672	782	917	1118	1293	1345	1498	1639		
BOWMAN DAM	41018	N3927	W12039	5347	49.4	15	25	54	65	78	94	119	142	149	169	188		
BRAWLEY 2 SW	41048	N3257	W11533	-100	71.8	**	**	**	**	**	**	**	**	**	**	**	**	
BROOKS FARNHAM RANCH	41112	N3846	W12209	294	60.3	*	*	*	0	0	0	1	2	2	3	4		
BURBANK VALLEY PMP PLT	41194	N3411	W11821	655	63.9	**	**	**	**	**	**	**	**	**	**	**	**	
BURNEY	41214	N4053	W12140	3127	47.8	25	46	114	142	177	222	295	364	385	449	511		
BUTTONWILLOW	41244	N3524	W11928	269	62.9	*	*	*	0	0	0	1	2	2	3	4		
CALAVERAS BIG TREES	41277	N3817	W12019	4696	49.7	9	16	40	50	62	77	102	125	132	153	174		
CANOCA PARK PIERCE COL	41484	N3411	W11834	790	63.5	**	**	**	**	**	**	**	**	**	**	**	**	
CANYON DAM	41497	N4010	W12105	4555	46.7	34	65	169	214	270	345	466	582	619	729	837		
CEDARVILLE	41614	N4132	W12010	4670	49.1	40	73	184	231	287	363	485	599	635	743	847		
CHICO EXPERIMENT STA	41715	N3942	W12147	205	60.9	*	*	0	0	1	1	3	4	5	6	8		
CHULA VISTA	41758	N3236	W11706	9	60.4	**	**	**	**	**	**	**	**	**	**	**	**	
CLOVERDALE 3 SSE	41838	N3846	W12259	320	59.6	*	*	*	*	*	0	0	0	0	1	1		
COALINGA	41864	N3609	W12021	671	62.8	*	*	*	*	*	*	0	0	0	0	0		
COLFAX	41912	N3906	W12057	2418	59.1	*	0	1	2	3	5	9	13	14	19	23		
COLUSA 1 SSW	41948	N3912	W12201	60	61.1	*	*	0	0	1	2	3	5	5	7	9		
CORCORAN IRRIG DIST	42012	N3606	W11934	200	62.6	*	*	*	*	0	0	0	1	1	2	3		
CORONA	42031	N3352	W11734	710	63.4	**	**	**	**	**	**	**	**	**	**	**	**	
CULVER CITY	42214	N3401	W11824	106	62.9	**	**	**	**	**	**	**	**	**	**	**	**	
CUYAMACA	42239	N3259	W11635	4650	53.0	4	8	19	24	30	37	49	59	62	72	82		

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)													
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California																			
DAGGETT FAA AP	42257	N3452	W11647	1922	67.2	*	*	0	0	0	1	2	3	4	5	7			
DAVIS 2 WSW EXP FARM	42294	N3832	W12146	60	60.1	*	*	*	0	0	0	1	1	2	2	3			
DEATH VALLEY	42319	N3628	W11652	-194	76.7	**	**	**	**	**	**	**	**	**	**	**	**	**	
DENAIR 3 NNE	42389	N3734	W12047	137	59.8	*	*	0	0	0	1	2	3	3	5	6			
DE SABLA	42402	N3952	W12137	2713	55.3	0	0	4	6	9	13	20	28	31	39	48			
EAGLE MOUNTAIN	42598	N3348	W11527	973	73.4	**	**	**	**	**	**	**	**	**	**	**	**	**	
EAST PARK RESERVOIR	42640	N3922	W12231	1205	58.5	*	*	1	2	3	4	7	11	12	16	20			
EL CAPITAN DAM	42709	N3253	W11649	600	64.7	**	**	**	**	**	**	**	**	**	**	**	**	**	
EL CENTRO 2 SSW	42713	N3246	W11534	-43	71.8	**	**	**	**	**	**	**	**	**	**	**	**	**	
ELECTRA POWER HOUSE	42728	N3820	W12040	715	60.5	*	*	*	*	*	*	*	0	0	0	0			
ELSINORE	42805	N3340	W11720	1285	63.6	**	**	**	**	**	**	**	**	**	**	**	**	**	
ESCONDIDO	42862	N3307	W11705	660	62.2	**	**	**	**	**	**	**	**	**	**	**	**	**	
EUREKA WSO	42910	N4048	W12410	43	52.0	*	*	*	*	*	*	0	0	0	0	1			
FAIRFIELD FIRE STATION	42934	N3816	W12202	38	59.8	*	*	*	*	*	*	*	0	0	0	0			
FAIRMONT	42941	N3442	W11826	3060	59.9	*	0	3	5	7	11	17	25	27	36	44			
FONTANA KAISER	43120	N3405	W11730	1090	65.9	**	**	**	**	**	**	**	**	**	**	**	**	**	
FORT BIDWELL	43157	N4151	W12008	4498	48.1	38	71	183	231	289	368	494	615	652	766	877			
FORT BRAGG	43161	N3927	W12348	80	52.7	**	**	**	**	**	**	**	**	**	**	**	**	**	
FORT JONES RANGER STA	43182	N4136	W12251	2725	50.7	8	18	59	79	105	142	207	271	292	358	423			
FORT ROSS	43191	N3831	W12315	116	53.7	*	*	*	*	*	*	*	*	*	0	0			
FRESNO WSO	43257	N3646	W11943	328	62.5	*	*	*	*	*	*	0	0	0	0	0			
FRIANT GOVERNMENT CAMP	43261	N3659	W11943	410	61.9	*	*	*	*	0	0	0	1	1	2	3			
GLENNVILLE	43463	N3543	W11842	3140	54.2	0	1	7	10	13	19	28	37	40	49	58			
GRANT GROVE	43551	N3644	W11858	6600	45.9	38	61	125	149	176	211	264	311	325	367	407			
GRATON	43578	N3826	W12252	200	56.2	*	*	*	*	0	0	1	1	1	2	3			
HAIWEE	43710	N3608	W11757	3825	59.0	1	3	13	18	25	35	53	71	77	96	115			
HALF MOON BAY	43714	N3728	W12226	60	54.5	**	**	**	**	**	**	**	**	**	**	**	**	**	
HANFORD	43747	N3620	W11940	242	61.6	*	*	*	*	*	*	0	0	0	0	1			
HAPPY CAMP RANGER STA	43761	N4148	W12322	1150	55.4	0	1	7	10	14	20	31	42	46	58	70			
HAT CREEK PH NO 1	43824	N4056	W12133	3015	50.2	9	19	58	76	99	131	184	237	253	305	356			
HAYFIELD PUMPING PLANT	43855	N3342	W11538	1370	69.7	**	**	**	**	**	**	**	**	**	**	**	**	**	
HEALDSBURG	43875	N3837	W12252	102	60.0	*	*	*	*	*	*	*	0	0	0	0			
HENSHAW DAM	43914	N3314	W11646	2700	56.9	*	*	0	1	2	3	5	8	9	11	14			
HETCH HETCHY	43939	N3757	W11947	3870	53.3	3	6	19	25	32	41	57	72	77	91	105			

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California																		
HUNTINGTON LAKE	44176	N3714	W11913	7020	44.2	31	60	158	201	254	326	442	554	589	696	800		
IMPERIAL	44223	N3251	W11534	-64	73.1	**	**	**	**	**	**	**	**	**	**	**	**	
INDIO U S DATE GARDEN	44259	N3344	W11615	11	73.2	**	**	**	**	**	**	**	**	**	**	**	**	
INYOKERN	44278	N3539	W11749	2440	63.3	*	*	1	2	4	6	11	16	18	24	30		
IRON MOUNTAIN	44297	N3408	W11508	922	73.2	*	*	*	*	*	*	*	*	0	0	0		
JESS VALLEY	44374	N4116	W12018	5300	46.1	54	88	184	220	263	318	401	475	498	565	627		
JULIAN WYNOLA	44418	N3306	W11639	3650	55.9	*	0	1	2	3	5	8	12	13	17	20		
KENTFIELD	44500	N3757	W12233	120	57.7	*	*	*	*	*	*	0	0	0	0	1		
KERN RIVER PH NO 1	44520	N3528	W11847	970	67.7	*	*	*	*	*	*	*	*	*	0	0		
KERN RIVER PH NO 3	44523	N3547	W11826	2703	61.8	*	*	0	0	1	2	4	7	8	11	14		
KETTLEMAN STATION	44536	N3604	W12005	508	65.4	*	*	*	*	*	*	*	*	*	*	0		
KING CITY	44555	N3612	W12108	320	58.9	*	*	*	*	*	0	0	0	0	1	1		
KLAMATH	44577	N4131	W12402	25	52.6	*	*	0	0	0	1	2	3	3	5	6		
LAGUNA BEACH	44647	N3333	W11747	35	59.9	**	**	**	**	**	**	**	**	**	**	**	**	
LAKE ARROWHEAD	44671	N3415	W11711	5205	51.5	6	11	28	35	43	54	72	89	94	109	124		
LAKEPORT	44701	N3902	W12255	1347	57.0	*	*	1	1	2	4	6	9	10	13	16		
LAKE SPAULDING	44713	N3919	W12038	5156	47.7	25	40	81	96	114	136	170	200	209	236	261		
LA MESA	44735	N3246	W11701	530	63.4	**	**	**	**	**	**	**	**	**	**	**	**	
LE GRAND	44884	N3714	W12015	255	61.3	*	*	*	*	0	0	0	1	1	2	3		
LEMON COVE	44890	N3623	W11902	513	63.0	*	*	*	*	*	*	0	0	0	0	0		
LINDSAY	44957	N3611	W11904	395	62.1	*	*	*	*	*	*	*	0	0	0	0		
LIVERMORE COUNTY F D	44997	N3740	W12146	490	58.7	*	*	*	*	*	0	0	1	1	1	2		
LODI	45032	N3807	W12117	40	59.9	*	*	*	*	*	*	0	0	0	1	1		
LOMPOC	45064	N3439	W12027	95	57.3	**	**	**	**	**	**	**	**	**	**	**	**	
LOS BANOS	45118	N3703	W12052	120	61.7	*	*	*	*	*	*	0	0	0	0	0		
LOS GATOS	45123	N3714	W12158	365	59.1	*	*	*	*	*	*	0	0	0	0	1		
MADERA	45233	N3658	W12004	268	62.1	*	*	*	*	0	0	1	1	2	2	3		
MANZANITA LAKE //	45311	N4032	W12134	5850	44.4	77	123	250	298	353	423	529	623	651	735	814		
MARICOPA	45338	N3505	W11923	675	65.0	*	*	*	*	0	0	1	1	2	2	3		
MARYSVILLE	45385	N3909	W12135	60	62.2	*	*	*	*	*	0	0	1	1	2	2		
MC CLOUD	45449	N4116	W12208	3300	49.3	15	25	56	68	82	101	129	154	162	185	207		
MECCA FIRE STATION	45502	N3334	W11604	-177	71.8	**	**	**	**	**	**	**	**	**	**	**	**	
MERCED FIRE STATION 2	45532	N3718	W12029	169	61.7	*	*	*	*	*	0	0	0	0	1	1		
MINERAL	45679	N4021	W12136	4911	45.3	35	62	142	174	212	262	340	412	434	500	564		

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California																			
MODESTO	45738	N3739	W12100	91	61.2	*	*	*	*	*	0	0	1	1	2	2			
MONO LAKE	45779	N3800	W11909	6450	47.7	39	70	166	204	251	313	410	500	528	611	691			
MONTEREY	45795	N3636	W12154	345	56.5	**	**	**	**	**	**	**	**	**	**	**	**	**	
MOUNT HAMILTON	45933	N3720	W12139	4206	54.0	2	5	15	19	24	31	43	54	57	68	78			
MOUNT SHASTA WSO //	45983	N4119	W12219	3544	49.6	18	30	65	78	93	113	143	170	178	203	226			
MOUNT WILSON FC 338 B //	46006	N3414	W11804	5709	55.5	4	8	20	25	31	38	50	61	64	74	83			
NAPA STATE HOSPITAL	46074	N3817	W12216	60	58.6	*	*	*	*	*	*	0	0	0	0	0			
NEEDLES FAA AIRPORT	46118	N3446	W11437	913	72.8	*	*	*	*	*	*	0	0	0	0	0			
NEVADA CITY	46136	N3916	W12101	2520	52.7	1	3	11	15	21	28	41	55	59	72	86			
NEWPORT BEACH HARBOR	46175	N3336	W11753	10	60.7	**	**	**	**	**	**	**	**	**	**	**	**	**	
OJAI	46399	N3427	W11915	750	61.7	**	**	**	**	**	**	**	**	**	**	**	**	**	
ORANGE COVE	46476	N3637	W11918	431	62.1	*	*	*	*	0	0	0	1	1	2	3			
ORICK PRAIRIE CREEK PK	46498	N4122	W12401	161	51.8	*	*	0	0	1	1	3	4	5	6	8			
ORLAND	46506	N3945	W12212	254	61.4	*	*	*	0	0	0	1	2	2	3	5			
ORLEANS	46508	N4118	W12332	403	57.2	*	*	1	2	3	4	7	11	12	15	19			
OXNARD	46569	N3412	W11911	49	60.3	**	**	**	**	**	**	**	**	**	**	**	**	**	
PALMDALE	46624	N3435	W11806	2596	61.8	*	0	2	3	5	8	14	20	22	29	37			
PALM SPRINGS	46635	N3349	W11632	411	72.3	**	**	**	**	**	**	**	**	**	**	**	**	**	
PALO ALTO JR MUSEUM	46646	N3727	W12208	25	57.8	*	*	*	*	*	*	*	0	0	0	0			
PALOMAR MT OBSERVATORY	46657	N3321	W11652	5545	56.0	3	6	15	19	24	30	40	48	51	59	67			
PARKER RESERVOIR	46699	N3417	W11410	738	73.9	*	*	*	*	*	*	*	*	*	*	*			
PASADENA	46719	N3409	W11809	864	64.3	**	**	**	**	**	**	**	**	**	**	**	**	**	
PASO ROBLES	46730	N3538	W12041	700	59.1	*	*	*	*	*	*	*	*	*	0	0			
PASO ROBLES FAA AP	46742	N3540	W12038	815	59.4	*	*	*	*	*	*	*	*	*	0	0			
PETALUMA FIRE STA 2	46826	N3814	W12238	16	57.7	*	*	*	*	*	*	0	0	0	0	0			
PINNACLES NAT MONUMENT	46926	N3629	W12111	1307	59.3	*	*	*	*	0	0	0	1	1	1	2			
PISMO BEACH	46943	N3508	W12038	80	57.7	**	**	**	**	**	**	**	**	**	**	**	**	**	
PLACERVILLE	46960	N3844	W12048	1890	55.9	*	0	2	4	6	9	14	20	21	28	34			
POMONA CAL POLY	47050	N3404	W11749	740	62.8	**	**	**	**	**	**	**	**	**	**	**	**	**	
PORTERVILLE	47077	N3604	W11901	393	63.4	*	*	*	*	*	*	0	0	0	0	0			
PRIEST VALLEY	47150	N3611	W12042	2300	55.3	*	0	2	3	5	8	13	18	20	26	31			
RANDBURG	47253	N3522	W11739	3570	62.7	*	0	3	4	7	10	18	26	29	38	47			
RED BLUFF WSO	47292	N4009	W12215	342	62.9	*	*	0	0	0	1	3	4	4	6	8			
REDDING FIRE STN 4	47300	N4033	W12223	470	63.8	*	*	*	0	0	0	1	2	2	3	4			

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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California																			
REDLANDS	47306	N3403	W11711	1318	63.8	**	**	**	**	**	**	**	**	**	**	**	**	**	**
REDWOOD CITY	47339	N3729	W12214	31	59.0	*	*	*	*	*	*	*	*	*	*	*	0	0	*
RICHMOND	47414	N3756	W12221	55	58.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*
RIVERSIDE FIRE STA. #3	47470	N3357	W11723	840	64.0	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SACRAMENTO WSO	47630	N3831	W12130	17	60.6	*	*	0	0	0	1	2	3	3	5	6			
SAINT HELENA	47643	N3830	W12228	225	58.8	*	*	*	*	*	0	0	0	0	1	1			
SAINT MARYS COLLEGE	47661	N3750	W12206	623	56.4	*	*	0	0	1	2	4	6	6	9	11			
SALT SPRINGS PWR HOUSE	47689	N3830	W12013	3700	57.0	0	1	5	7	10	13	19	25	27	34	40			
SAN BERNARDINO CO HOSP	47723	N3408	W11716	1125	64.8	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SAN FRANCISCO WSO	47769	N3737	W12223	8	56.6	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S F FEDERAL BLDG. WSO	47772	N3747	W12225	52	56.7	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SAN GABRIEL FIRE DEPT	47785	N3406	W11806	450	64.3	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SAN JOSE	47821	N3721	W12154	67	59.7	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SAN LUIS OBISPO POLY	47851	N3518	W12040	320	58.9	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SAN RAFAEL	47880	N3758	W12232	40	59.6	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SANTA ANA FIRE STATION	47888	N3345	W11752	115	64.0	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SANTA BARBARA	47902	N3425	W11941	5	60.6	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SANTA BARBARA FAA AP	47905	N3426	W11950	9	58.9	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SANTA CRUZ	47916	N3659	W12201	125	56.6	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SANTA MARIA WSO	47946	N3454	W12027	236	56.8	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SANTA MONICA PIER	47953	N3400	W11830	15	61.1	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SANTA PAULA	47957	N3421	W11905	263	61.0	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SANTA ROSA	47965	N3827	W12242	167	57.9	*	*	*	*	*	*	0	0	0	0	0	0	0	1
SCOTIA	48045	N4029	W12406	139	53.8	*	*	*	*	*	*	0	0	0	0	1	1		
SHASTA DAM	48135	N4043	W12225	1076	61.9	*	*	0	0	0	1	2	4	4	6	7			
SIERRAVILLE RANGER STA//	48218	N3935	W12022	4975	46.4	56	100	239	296	365	455	599	732	773	897	1015			
SONORA RS	48353	N3759	W12023	1749	58.4	*	0	1	2	4	6	9	13	15	19	23			
SO ENTRANCE YOSEMITE	48380	N3730	W11938	5120	49.8	9	17	39	47	58	72	93	112	118	136	153			
STOCKTON FIRE STA NO 4	48560	N3800	W12119	12	60.0	*	*	*	*	0	0	0	1	1	2	2			
STONY GORGE RESERVOIR	48587	N3935	W12232	791	60.2	*	*	0	1	2	3	6	9	9	12	16			
STRAWBERRY VALLEY	48606	N3934	W12106	3808	52.3	3	7	18	23	29	37	49	61	64	75	86			
SUSANVILLE AIRPORT	48702	N4023	W12034	4148	48.8	43	77	185	229	283	353	465	569	602	699	792			
TAHOE CITY	48758	N3910	W12008	6230	42.9	113	168	306	354	409	476	575	660	685	759	827			
TEHACHAPI	48826	N3508	W11827	3975	54.3	2	5	15	19	24	31	43	54	57	68	79			

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (⁰F-Days) & Associated Probabilities (%)

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California																					
TEJON RANCHO	48839	N3502	W11845	1425	63.2	*	*	0	0	0	1	2	3	3	4	6					
THERMAL FAA AIRPORT	48892	N3338	W11610	-112	72.4	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
TIGER CREEK PH	48928	N3827	W12029	2355	57.1	*	0	1	2	4	6	10	13	15	19	23					
TORRANCE	48973	N3348	W11820	110	62.1	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
TRACY CARBONA	48999	N3742	W12125	140	60.7	*	*	*	*	0	0	1	1	1	2	3					
TRONA	49035	N3547	W11723	1695	66.2	*	*	0	0	1	2	4	7	8	11	14					
TRUCKEE RANGER STATION	49043	N3920	W12011	5995	42.5	241	331	534	601	674	762	886	990	1020	1108	1187					
TULELAKE //	49053	N4158	W12128	4035	46.6	65	105	215	256	304	365	457	540	565	638	707					
TUSTIN IRVINE RANCH	49087	N3344	W11747	118	62.1	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
TWENTYNINE PALMS	49099	N3408	W11602	1975	67.7	*	*	0	0	0	1	2	3	3	5	6					
TWIN LAKES	49105	N3842	W12002	7829	39.8	262	365	600	678	764	868	1016	1140	1177	1282	1377					
UKIAH	49122	N3909	W12312	623	59.3	*	*	0	0	0	1	2	3	3	4	6					
U C L A	49152	N3404	W11827	430	63.0	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
UPLAND 3 N	49158	N3408	W11739	1605	62.3	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
VACAVILLE	49200	N3822	W12157	105	60.5	*	*	*	*	0	0	0	1	1	2	2					
VICTORVILLE PUMP PLANT	49325	N3432	W11718	2858	60.3	*	0	3	4	6	9	15	21	23	29	36					
VISALIA	49367	N3620	W11918	325	63.1	*	*	*	*	*	0	0	0	1	1	2					
WASCO	49452	N3536	W11920	333	63.6	*	*	*	*	*	0	0	0	0	1	1					
WATSONVILLE WATERWORKS	49473	N3656	W12146	95	55.9	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
WEAVERVILLE RANGER STA	49490	N4044	W12256	2050	52.7	0	2	12	17	24	34	53	73	80	101	122					
WILLOWS	49699	N3932	W12212	140	61.1	*	*	0	0	0	1	2	3	4	5	6					
WINTERS	49742	N3832	W12158	135	62.0	*	*	*	*	*	0	0	0	1	1	2					
WOODFORDS	49775	N3847	W11949	5671	49.4	30	49	101	121	143	172	216	255	266	301	334					
WOODLAND 1 WNW	49781	N3841	W12148	69	61.1	*	*	*	0	0	0	1	2	2	4	5					
YORBA LINDA	49847	N3353	W11749	350	63.5	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
YOSEMITE PARK HEADQTRS	49855	N3745	W11935	3970	53.6	1	3	16	23	33	48	76	105	115	147	181					
YREKA	49866	N4143	W12238	2625	51.8	8	17	51	67	86	114	160	205	220	264	308					
Colorado																					
AKRON FAA AIRPORT	50114	N4010	W10313	4663	48.7	238	322	507	566	632	710	819	910	937	1013	1081					
ALAMOSA WSO	50130	N3727	W10552	7536	41.2	837	1030	1408	1521	1640	1776	1961	2109	2151	2270	2374					
ALLENSPARK	50183	N4012	W10532	8500	40.6	496	612	842	911	983	1067	1180	1270	1296	1369	1433					
ASPEN	50370	N3911	W10650	7928	40.8	795	924	1160	1226	1295	1373	1475	1554	1577	1640	1694					
BAILEY	50454	N3924	W10529	7733	42.1	390	494	705	769	838	918	1027	1116	1141	1213	1277					
BONNY DAM	50834	N3938	W10211	3647	50.5	198	268	422	472	527	592	683	759	781	844	901					

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Colorado																
BOULDER	50848	N4000	W10516	5445	52.1	59	89	165	192	223	260	316	364	378	420	459
BUENA VISTA	51071	N3851	W10608	7954	43.9	304	397	594	656	723	802	911	1001	1027	1100	1166
BURLINGTON	51121	N3919	W10216	4165	51.6	94	144	274	321	375	442	541	628	655	731	802
BYERS 5 NE	51179	N3945	W10415	5200	49.2	126	194	369	433	505	596	730	847	882	985	1081
CANON CITY	51294	N3826	W10516	5343	54.2	36	56	107	126	147	173	212	247	257	287	315
CEDAREDGE	51440	N3854	W10756	6180	49.0	157	223	381	435	495	567	672	760	786	862	931
CENTER 4 SSW	51458	N3744	W10608	7683	41.2	685	897	1349	1491	1645	1826	2077	2283	2343	2513	2665
CHEESMAN	51528	N3913	W10517	6875	45.6	143	216	403	470	545	639	778	898	934	1039	1136
CHERRY CREEK DAM	51547	N3939	W10451	5647	49.5	104	153	275	317	365	423	509	582	604	668	726
CHEYENNE WELLS	51564	N3849	W10221	4250	51.5	124	179	310	355	406	467	556	631	654	719	778
COCHETOPA CREEK	51713	N3826	W10646	8000	36.8	1573	1815	2253	2376	2503	2645	2832	2977	3018	3133	3232
COLORADO NAT MON	51772	N3906	W10844	5280	51.8	122	184	343	400	464	544	662	764	795	885	967
CORTEZ	51886	N3721	W10834	6177	48.8	167	234	390	442	499	569	668	751	776	847	911
CRESTED BUTTE	51959	N3852	W10658	8855	35.2	1576	1801	2203	2315	2430	2559	2727	2858	2895	2997	3085
DEL NORTE	52184	N3740	W10621	7884	43.1	492	632	922	1012	1109	1221	1376	1503	1539	1643	1734
DENVER WSFO //	52220	N3945	W10452	5283	50.3	96	143	261	303	350	408	493	567	589	653	712
DILLON 1 E	52281	N3938	W10602	9065	35.4	1466	1615	1869	1938	2007	2084	2183	2258	2279	2337	2387
DURANGO	52432	N3717	W10753	6550	46.7	224	298	459	511	567	634	726	803	825	889	946
EADS	52446	N3829	W10247	4215	52.7	98	147	270	314	364	426	516	595	618	687	750
EAGLE FAA AP	52454	N3939	W10655	6500	42.3	749	918	1248	1346	1450	1569	1729	1857	1893	1996	2086
ESTES PARK	52759	N4023	W10531	7497	43.2	241	315	472	521	574	637	724	795	815	874	926
FORT COLLINS	53005	N4035	W10505	5001	48.4	152	217	371	423	481	552	653	740	765	839	906
FORT LEWIS	53016	N3714	W10803	7595	42.7	568	680	892	953	1017	1091	1188	1265	1287	1348	1402
FORT MORGAN	53038	N4015	W10348	4321	49.1	294	389	593	658	729	812	928	1024	1051	1130	1201
FRUITA	53146	N3910	W10844	4507	50.3	157	241	458	536	626	738	904	1050	1094	1221	1340
GLENWOOD SPRINGS 1 N	53359	N3934	W10720	5823	46.8	360	456	651	711	774	848	949	1031	1054	1121	1180
GRAND LAKE 1 NW	53496	N4016	W10550	8680	35.1	1524	1684	1959	2034	2109	2192	2300	2382	2405	2468	2522
GRAND LAKE 6 SSW	53500	N4011	W10552	8288	35.9	1594	1751	2017	2089	2162	2242	2344	2423	2444	2505	2556
GREAT SAND DUNES NM	53541	N3743	W10532	8120	43.6	519	644	890	964	1042	1133	1255	1353	1381	1460	1530
GREELEY CSC	53553	N4025	W10442	4653	49.0	201	288	495	566	645	740	879	996	1031	1132	1224
GREEN MOUNTAIN DAM	53592	N3953	W10620	7740	40.4	934	1103	1419	1510	1605	1712	1853	1965	1997	2085	2162
GUNNISON	53662	N3832	W10656	7664	37.2	1454	1726	2236	2383	2537	2711	2942	3125	3176	3321	3447
HAYDEN	53867	N4029	W10715	6300	41.8	884	1069	1426	1531	1641	1766	1935	2068	2106	2213	2307
HERMIT 7 ESE //	53951	N3746	W10708	9001	33.8	1547	1845	2410	2573	2744	2938	3196	3401	3459	3621	3763

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Colorado																				
HOLLY	54076	N3803	W10207	3393	53.4	103	157	295	345	401	472	576	667	694	774	848				
HOLYOKE	54082	N4035	W10218	3746	50.4	156	224	387	443	505	581	690	784	811	891	964				
JOHN MARTIN DAM	54388	N3804	W10256	3814	54.4	78	123	243	288	339	403	500	585	611	686	757				
KASSLER	54452	N3930	W10506	5495	51.3	67	105	207	244	287	341	422	493	514	578	636				
KAUFFMAN 4 SSE	54460	N4050	W10356	5250	47.3	234	315	493	551	614	689	793	880	906	978	1044				
LA JUNTA FAA AIRPORT	54720	N3803	W10331	4196	54.0	92	143	279	328	386	457	564	659	687	771	848				
LAKEWOOD	54762	N3945	W10508	5637	50.5	77	114	203	234	269	312	374	428	444	490	532				
LAMAR	54770	N3807	W10236	3617	53.6	106	158	285	330	380	442	533	612	635	703	765				
LAS ANIMAS	54834	N3804	W10313	3891	54.2	79	123	243	286	337	400	495	578	604	678	747				
LITTLE HILLS	55048	N4000	W10812	6140	42.8	556	690	954	1033	1117	1213	1344	1449	1479	1564	1639				
LONGMONT 2 ESE	55116	N4010	W10504	4950	48.8	167	238	404	460	523	599	708	801	828	907	979				
MESA VERDE NAT PARK	55531	N3712	W10829	7070	50.0	102	147	253	290	330	379	450	510	528	580	627				
MONTE VISTA	55706	N3735	W10609	7667	41.4	770	951	1308	1415	1527	1657	1832	1973	2013	2126	2226				
MONTROSE NO 2	55722	N3829	W10753	5830	49.0	231	311	488	545	607	681	784	870	895	967	1031				
NORTHDAL	55970	N3749	W10901	6693	45.0	424	539	775	847	925	1015	1138	1238	1267	1348	1421				
NORWOOD	56012	N3808	W10817	7017	44.1	513	619	822	882	944	1015	1111	1186	1208	1268	1321				
OURAY	56203	N3801	W10740	7740	44.6	275	358	534	589	649	718	815	894	917	982	1040				
PAGOSA SPRINGS	56258	N3716	W10701	7238	42.2	596	728	986	1062	1142	1234	1358	1457	1485	1564	1634				
PALISADE	56266	N3907	W10821	4780	54.2	56	100	237	293	360	449	589	719	759	880	996				
PARKER 9 E	56326	N3931	W10439	6300	48.1	144	206	353	403	459	526	624	707	732	802	867				
RANGELY	56832	N4005	W10847	5216	46.1	573	770	1206	1347	1500	1682	1938	2150	2212	2389	2548				
RIFLE	57031	N3932	W10748	5400	46.8	327	440	689	770	857	962	1108	1229	1265	1366	1457				
ROCKY FORD 2 ESE	57167	N3802	W10342	4178	53.1	91	138	259	303	352	413	503	582	606	675	738				
RYE	57315	N3755	W10456	6790	46.6	117	184	366	433	511	609	756	887	926	1042	1150				
SAGUACHE	57337	N3805	W10609	7697	42.5	529	696	1051	1163	1285	1428	1626	1790	1837	1972	2093				
SILVERTON	57656	N3748	W10740	9322	35.7	1345	1504	1779	1854	1930	2015	2125	2210	2233	2299	2355				
STEAMBOAT SPRINGS	57936	N4030	W10650	6770	38.7	1330	1475	1724	1792	1861	1937	2035	2110	2131	2189	2239				
STERLING	57950	N4037	W10312	3939	48.7	283	377	580	645	716	800	917	1014	1042	1123	1195				
STRATTON 3 NE	58008	N3920	W10233	4334	51.3	117	174	314	363	419	487	587	673	699	773	842				
TAYLOR PARK	58184	N3849	W10637	9206	32.8	2304	2493	2809	2893	2977	3070	3188	3277	3302	3371	3429				
TELLURIDE	58204	N3757	W10749	8756	39.8	812	920	1112	1164	1219	1279	1358	1419	1436	1483	1524				
TRINIDAD FAA AIRPORT	58434	N3715	W10420	5746	51.7	72	110	208	243	283	332	406	470	489	545	597				
VALLECITO DAM //	58582	N3722	W10735	7650	42.8	564	685	918	987	1059	1141	1252	1340	1365	1435	1497				
WALDEN	58756	N4044	W10616	8099	36.2	1364	1555	1894	1988	2085	2193	2333	2443	2473	2559	2632				

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Colorado																			
WALSENBURG POWER PLANT	58781	N3737	W10448	6221	51.3	51	80	159	188	221	263	327	382	399	449	495			
WATERDALE	58839	N4025	W10512	5260	48.3	136	199	351	403	463	535	640	730	757	834	905			
WESTCLIFFE	58931	N3808	W10529	7860	42.2	520	650	909	988	1071	1167	1298	1403	1434	1519	1594			
WRAY	59243	N4004	W10213	3575	51.8	119	175	313	361	415	482	579	662	687	759	826			
Connecticut																			
DANBURY	61762	N4123	W07328	510	49.6	187	256	411	461	517	583	677	755	778	844	903			
FALLS VILLAGE	62658	N4157	W07322	580	47.4	389	484	674	731	791	861	955	1031	1053	1115	1169			
HARTFORD BRAINARD FLD //	63451	N4144	W07239	15	49.7	210	283	444	496	552	619	713	792	815	880	938			
MIDDLETOWN 4 W	64767	N4133	W07243	369	50.2	147	208	353	402	456	522	616	697	720	788	850			
MOUNT CARMEL	65077	N4124	W07254	180	50.0	153	214	354	401	453	516	605	680	702	766	823			
NORFOLK 2 SW	65445	N4158	W07313	1337	44.1	754	877	1100	1163	1228	1302	1399	1474	1495	1555	1607			
NORWALK GAS PLANT	65893	N4107	W07325	37	50.5	125	181	313	359	410	472	562	638	661	726	786			
SHEPAUG DAM	67373	N4143	W07318	840	47.6	338	430	618	676	738	810	909	988	1011	1077	1134			
STORRS	68138	N4148	W07215	650	48.0	296	375	535	584	636	697	780	847	867	921	970			
WEST THOMPSON DAM	69388	N4157	W07154	360	47.6	317	412	611	674	741	820	929	1018	1044	1117	1182			
WIGWAM RESERVOIR	69568	N4140	W07308	600	48.2	267	351	530	587	649	721	821	904	928	996	1057			
Delaware																			
BRIDGEVILLE 1 NW	71330	N3845	W07537	50	55.5	25	43	96	117	141	173	221	266	279	320	358			
DOVER	72730	N3909	W07531	30	56.2	22	38	86	104	126	155	200	240	252	289	325			
GEORGETOWN 5 SW	73570	N3838	W07527	45	55.3	23	41	99	123	152	189	249	305	322	373	423			
LEWES 1 SW	75320	N3846	W07509	20	55.2	20	35	81	100	122	152	198	240	253	292	330			
MILFORD 2 WSW	75915	N3854	W07528	30	55.7	23	40	92	113	138	171	222	269	283	326	368			
NEWARK UNIVERSITY FARM	76410	N3940	W07544	90	54.2	38	65	143	174	211	258	332	398	419	480	538			
WILMINGTON NCASTLE WSO	79595	N3940	W07536	74	54.0	41	70	157	191	231	284	366	440	463	531	596			
WILMINGTON PORTER RES	79605	N3946	W07532	274	53.3	51	84	178	214	256	310	392	467	489	556	619			
Florida																			
APALACHICOLA WSO	80211	N2944	W08502	13	68.2	*	*	0	0	0	1	3	4	5	7	9			
ARCADIA	80228	N2714	W08151	63	72.2	**	**	**	**	**	**	**	**	**	**	**			
ARCHBOLD BIOLOGIC STA	80236	N2711	W08121	140	72.5	*	*	*	*	*	*	*	*	*	0	0			
AVON PARK	80369	N2736	W08130	133	73.1	*	*	*	*	*	*	*	*	*	*	*			
BARTOW	80478	N2754	W08151	125	72.5	**	**	**	**	**	**	**	**	**	**	**			
BELLE GLADE EXP STA	80611	N2640	W08038	16	72.3	**	**	**	**	**	**	**	**	**	**	**			
BRADENTON 5 ESE	80945	N2727	W08228	20	71.9	**	**	**	**	**	**	**	**	**	**	**			
BROOKSVILLE CHIN HILL	81046	N2837	W08222	240	71.4	*	*	*	*	*	*	*	0	0	0	0			

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Florida																
BUSHNELL 2 E	81163	N2840	W08205	75	70.6	*	*	*	*	*	*	0	0	0	0	0
CHIPLEY 3 E	81544	N3047	W08529	130	67.0	*	0	2	3	5	7	12	16	18	23	28
CLERMONT 6 SSW	81641	N2829	W08147	125	71.9	*	*	*	*	*	*	*	*	*	0	0
CLEWISTON U S ENG	81654	N2645	W08055	20	73.8	**	**	**	**	**	**	**	**	**	**	**
CROSS CITY 2 WNW	82008	N2939	W08310	42	67.8	*	*	*	0	0	1	2	3	4	6	7
DAYTONA BEACH WSO	82158	N2911	W08104	30	70.3	*	*	*	*	*	*	*	*	*	*	*
DE FUNIAK SPRINGS	82220	N3044	W08607	230	67.0	*	0	1	2	4	6	9	14	15	20	25
DELAND 1 SSE	82229	N2901	W08118	25	70.3	*	*	*	*	*	*	0	0	0	0	0
EVERGLADES	82850	N2551	W08123	5	74.2	**	**	**	**	**	**	**	**	**	**	**
FORT LAUDERDALE	83163	N2606	W08012	16	75.0	**	**	**	**	**	**	**	**	**	**	**
FORT MYERS WSO	83186	N2635	W08152	15	73.9	**	**	**	**	**	**	**	**	**	**	**
FORT PIERCE	83207	N2728	W08021	25	72.8	**	**	**	**	**	**	**	**	**	**	**
GAINESVILLE 2 WSW	83321	N2938	W08221	86	69.8	*	*	*	*	0	0	0	1	1	2	2
GLEN ST MARY 1 W	83470	N3016	W08211	128	67.7	*	*	0	0	0	1	3	4	5	7	9
HIALEAH	83909	N2550	W08017	12	74.6	**	**	**	**	**	**	**	**	**	**	**
HIGH SPRINGS	83956	N2950	W08236	65	69.2	*	*	*	0	0	0	1	2	2	3	4
HOMESTEAD EXP STA	84091	N2530	W08030	11	73.8	**	**	**	**	**	**	**	**	**	**	**
INVERNESS	84289	N2850	W08220	50	71.2	*	*	*	*	*	*	*	*	*	0	0
JACKSONVILLE BEACH	84366	N3017	W08124	10	68.8	*	*	*	*	0	0	1	2	2	3	5
JASPER	84394	N3031	W08257	147	67.2	*	*	0	1	2	4	6	10	11	14	18
LAKE ALFRED EXP STA	84707	N2806	W08143	145	71.6	*	*	*	*	*	*	*	*	*	0	0
LAKE CITY 2 E	84731	N3011	W08236	195	68.2	*	*	0	1	2	3	5	8	9	11	14
LOXAHATCHEE	85182	N2641	W08016	14	73.0	**	**	**	**	**	**	**	**	**	**	**
MADISON	85275	N3028	W08325	190	68.4	*	*	0	1	2	3	5	8	9	12	15
MAYO	85539	N3003	W08310	65	68.0	*	*	0	0	1	2	4	7	8	11	14
MELBOURNE	85612	N2804	W08037	10	72.1	*	*	*	*	*	*	*	0	0	0	0
MIAMI BEACH	85658	N2547	W08008	5	76.0	**	**	**	**	**	**	**	**	**	**	**
MIAMI WSO	85663	N2548	W08016	7	75.6	**	**	**	**	**	**	**	**	**	**	**
MIAMI 12 SSW	85678	N2539	W08018	10	74.6	**	**	**	**	**	**	**	**	**	**	**
MILTON EXP STATION	85793	N3047	W08708	217	66.9	*	0	1	2	4	6	10	15	17	22	28
MONTICELLO 3 W	85879	N3032	W08355	148	66.6	*	0	1	2	4	6	9	13	15	19	23
MOORE HAVEN LOCK 1	85895	N2650	W08105	22	72.9	**	**	**	**	**	**	**	**	**	**	**
MOUNTAIN LAKE	85973	N2756	W08136	125	72.3	**	**	**	**	**	**	**	**	**	**	**
NAPLES 2 NE	86078	N2610	W08147	4	74.1	**	**	**	**	**	**	**	**	**	**	**

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Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Florida																		
NICEVILLE	86240	N3031	W08630	60	65.9	*	0	3	4	6	10	16	22	25	32	39		
OCALA	86414	N2911	W08208	90	71.1	*	*	*	*	*	*	0	0	0	1	1		
PALATKA	86753	N2939	W08139	20	71.0	*	*	*	*	*	*	0	0	0	0	1		
PENSACOLA WSO	86997	N3028	W08712	112	68.0	*	*	1	2	3	5	9	13	15	20	25		
PLANT CITY	87205	N2801	W08208	121	72.3	*	*	*	*	*	*	*	*	*	*	*		
POMPAÑO BEACH	87254	N2614	W08009	15	75.1	**	**	**	**	**	**	**	**	**	**	**	**	
PUNTA GORDA 4 ENE	87397	N2658	W08159	10	73.5	**	**	**	**	**	**	**	**	**	**	**	**	
QUINCY 3 SSW	87429	N3033	W08436	245	67.1	*	*	1	2	3	5	8	11	12	16	20		
SAINT LEO	87851	N2820	W08216	190	71.9	**	**	**	**	**	**	**	**	**	**	**	**	
SAINT MARKS 6 SE	87867	N3005	W08410	17	67.9	*	*	0	0	0	1	3	5	6	8	11		
ST PETERSBURG	87886	N2746	W08238	8	73.6	**	**	**	**	**	**	**	**	**	**	**	**	
SANFORD EXP STATION	87982	N2848	W08114	17	71.5	*	*	*	*	*	*	*	*	*	*	*		
STUART 1 N	88620	N2713	W08015	10	74.0	**	**	**	**	**	**	**	**	**	**	**	**	
TALLAHASSEE WSO	88758	N3023	W08422	55	67.2	*	*	0	1	2	3	6	9	11	14	19		
TAMIAMI TRL 40 MI BEND	88780	N2545	W08050	15	75.3	**	**	**	**	**	**	**	**	**	**	**	**	
TAMPA WSO	88788	N2758	W08232	19	72.0	*	*	*	*	*	*	*	*	*	*	*		
TARPON SPGS SEWAGE PL	88824	N2809	W08245	8	71.4	**	**	**	**	**	**	**	**	**	**	**	**	
TAVERNIER	88841	N2501	W08031	5	77.2	**	**	**	**	**	**	**	**	**	**	**	**	
TITUSVILLE 3 NW	88942	N2837	W08050	30	71.7	*	*	*	*	*	*	*	*	*	0	0		
VERO BEACH 4 W	89219	N2738	W08027	20	72.4	**	**	**	**	**	**	**	**	**	**	**	**	
WAUCHULA 2 N	89401	N2734	W08149	119	72.4	**	**	**	**	**	**	**	**	**	**	**	**	
Georgia																		
ALBANY 3 SE	90140	N3132	W08408	180	65.8	0	0	4	6	8	11	16	22	24	30	35		
ALMA FAA AIRPORT	90211	N3132	W08231	198	66.2	*	*	1	2	3	5	9	14	15	20	26		
AMERICUS 4 ENE	90253	N3206	W08410	476	65.1	0	1	6	8	11	15	21	27	29	35	41		
ATHENS WSO	90435	N3357	W08319	802	61.4	3	6	16	19	24	30	38	47	49	57	64		
AUGUSTA WSO	90495	N3322	W08158	145	63.2	1	3	9	11	14	18	25	31	33	38	44		
BLAIRSVILLE EXP STA	90969	N3451	W08356	1917	54.6	24	41	87	106	127	154	196	234	245	279	311		
BLAKELY	90979	N3123	W08457	300	65.8	0	1	5	6	9	12	17	22	24	29	34		
BROOKLET 1 W	91266	N3223	W08141	190	65.6	0	0	4	5	7	10	15	20	21	26	31		
BRUNSWICK	91340	N3110	W08130	13	68.5	*	*	0	0	1	1	3	5	6	9	11		
BRUNSWICK FAA AP	91345	N3109	W08123	20	67.3	*	*	0	1	1	3	5	8	9	12	15		
CAMILLA	91500	N3114	W08413	175	67.3	*	*	1	1	2	4	7	10	11	15	19		
CARROLLTON	91640	N3336	W08505	985	60.3	5	9	20	24	30	37	47	57	60	68	76		

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Georgia																			
CARTERSVILLE	91665	N3410	W08448	752	60.8	4	8	21	26	32	40	53	65	69	80	91			
CEDARTOWN	91732	N3401	W08515	785	60.7	5	9	22	27	33	40	52	63	66	76	86			
CLAYTON 1 W	91982	N3453	W08326	1940	57.1	7	12	29	35	43	53	69	83	87	100	112			
COLUMBUS WSO	92166	N3231	W08457	385	64.4	1	2	7	10	13	17	24	30	32	38	44			
CORNELIA	92283	N3431	W08332	1470	57.8	6	12	29	36	44	55	73	89	94	109	123			
COVINGTON	92318	N3336	W08352	770	61.7	3	6	14	18	22	27	35	43	45	52	58			
CUTHBERT	92450	N3146	W08447	461	66.6	0	0	3	5	7	10	15	20	22	27	33			
DAHLONEGA	92475	N3432	W08359	1430	57.9	8	15	35	43	53	66	86	105	111	128	145			
DALTON	92493	N3446	W08457	720	59.4	11	18	42	51	62	77	99	119	125	143	161			
DOUGLAS 2 NNE	92783	N3131	W08251	240	65.3	0	1	5	7	9	13	19	25	27	34	40			
DUBLIN 3 S	92839	N3230	W08254	215	64.5	1	2	8	10	13	17	24	31	33	39	46			
EASTMAN 1 W	92966	N3212	W08312	400	65.2	0	2	6	8	11	15	21	27	29	35	41			
EXPERIMENT	93271	N3316	W08417	925	61.8	5	8	18	22	27	32	41	49	52	59	66			
FITZGERALD	93386	N3143	W08315	371	67.1	*	0	2	3	5	7	12	17	18	24	30			
FOLKSTON 9 SW	93465	N3044	W08208	120	67.9	*	*	0	0	1	1	3	5	6	8	11			
FORT GAINES	93516	N3136	W08503	340	65.9	*	0	3	4	6	9	14	19	21	26	31			
FORT STEWART	93538	N3152	W08137	92	66.9	*	*	0	1	2	4	7	10	11	15	19			
GAINESVILLE	93621	N3418	W08351	1170	59.4	6	10	25	31	38	47	61	74	78	90	102			
GLENNVILLE	93754	N3156	W08155	170	66.7	*	0	1	2	3	5	9	13	14	18	22			
HARTWELL	94133	N3421	W08255	690	62.5	3	6	14	17	21	26	34	41	44	50	57			
HAWKINSVILLE	94170	N3217	W08328	245	64.8	0	1	6	8	10	14	20	25	27	33	38			
JASPER 1 NNW	94648	N3429	W08427	1465	58.8	7	14	35	45	56	71	95	118	125	147	168			
LA FAYETTE	94941	N3442	W08516	797	59.0	6	12	38	49	64	84	118	151	161	194	226			
LA GRANGE	94949	N3303	W08501	715	62.4	2	4	12	15	19	24	32	40	42	49	56			
LOUISVILLE 3 S	95314	N3256	W08224	325	64.6	0	1	5	7	10	13	19	25	27	33	39			
LUMBER CITY	95386	N3155	W08241	120	64.7	0	1	5	7	9	12	17	22	24	29	34			
MACON WSO	95443	N3242	W08339	354	64.7	0	1	6	8	11	14	21	27	29	35	41			
MILLEDGEVILLE	95874	N3306	W08315	360	62.1	3	6	14	17	20	25	33	40	42	48	54			
MILLEN 4 N	95882	N3252	W08158	195	64.7	0	1	5	7	9	13	19	25	27	33	39			
MOULTRIE 2 ESE	96087	N3110	W08345	340	66.5	*	0	2	3	5	7	12	16	18	23	28			
NEWNAN	96335	N3322	W08449	990	62.2	3	7	16	20	25	31	40	49	51	59	67			
ROME	97600	N3415	W08509	596	60.8	4	8	19	24	30	38	50	62	66	76	87			
SAVANNAH WSO	97847	N3208	W08112	46	65.9	*	0	3	4	6	8	13	18	19	24	30			
SILOAM	98064	N3332	W08306	690	63.0	2	4	11	14	18	23	30	38	40	47	53			

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Georgia																			
SWAINSBORO	98496	N3235	W08222	325	65.3	0	1	4	5	7	10	14	19	20	24	29			
TALBOTTON	98535	N3240	W08432	700	63.3	1	2	8	11	14	19	26	33	35	42	49			
THOMASVILLE 4 SE	98666	N3048	W08354	210	67.0	*	*	0	1	2	4	7	11	13	18	23			
TIFTON EXP STATION	98703	N3128	W08331	360	65.6	0	1	5	7	9	13	19	25	27	33	40			
TOCCOA	98740	N3435	W08319	1019	60.7	4	8	17	21	25	30	39	46	48	55	62			
WARRENTON	99141	N3325	W08240	510	63.0	1	4	10	13	17	22	30	37	39	46	53			
WASHINGTON	99157	N3344	W08244	630	60.9	4	7	18	22	27	34	45	54	58	67	76			
WAYCROSS 4 NE	99186	N3115	W08219	145	66.2	*	0	2	4	5	8	13	19	21	27	33			
WEST POINT	99291	N3252	W08511	575	62.7	1	3	11	14	18	24	33	42	45	54	62			
Idaho																			
ABERDEEN EXP STATION	100010	N4257	W11250	4405	44.7	326	462	781	889	1009	1155	1364	1541	1593	1744	1881			
AMERICAN FALLS 1 SW	100227	N4247	W11252	4318	47.4	189	279	501	579	666	774	931	1067	1107	1225	1332			
ANDERSON DAM	100282	N4321	W11528	3882	49.3	101	158	310	366	430	511	632	739	771	865	953			
ARCO 3 SW	100375	N4336	W11320	5328	41.8	856	1046	1416	1525	1640	1772	1950	2092	2132	2246	2346			
ARROWROCK DAM	100448	N4336	W11555	3275	48.9	104	163	321	380	447	532	660	772	806	906	999			
ASHTON 1 S	100470	N4404	W11127	5220	41.1	806	975	1301	1397	1497	1612	1765	1887	1922	2019	2105			
AVERY R S NO 2	100528	N4715	W11555	2390	46.4	99	159	327	391	465	559	702	829	868	982	1089			
BAYVIEW MODEL BASIN	100667	N4759	W11633	2075	44.9	104	162	315	371	436	517	639	745	778	872	960			
BLISS	101002	N4256	W11457	3265	50.4	63	109	244	298	362	445	574	693	729	838	941			
BOISE WSO //	101022	N4334	W11613	2838	51.1	44	80	198	247	307	387	515	635	673	785	894			
BONNERS FERRY 1 SW	101079	N4841	W11619	1860	46.2	151	226	416	484	560	655	794	915	951	1057	1153			
BURLEY FAA AIRPORT	101303	N4232	W11346	4146	47.7	130	198	375	439	511	602	736	853	888	991	1086			
CALDWELL	101380	N4340	W11641	2370	51.8	37	69	177	222	278	354	475	589	625	733	838			
CAMBRIDGE	101408	N4434	W11641	2650	47.4	203	310	585	685	798	940	1149	1332	1387	1548	1696			
CASCADE 1 NW	101514	N4432	W11603	4896	41.6	564	700	967	1048	1133	1231	1364	1470	1501	1587	1662			
CHALLIS	101663	N4430	W11414	5175	44.5	529	664	935	1017	1104	1205	1343	1454	1486	1576	1656			
CHILLY BARTON FLAT	101671	N4359	W11349	6260	38.7	962	1176	1591	1714	1843	1992	2191	2351	2396	2524	2636			
COEUR D'ALENE 1 E	101956	N4741	W11645	2158	48.3	66	109	232	279	334	404	512	609	639	727	809			
COUNCIL	102187	N4444	W11626	2950	48.6	182	268	480	554	637	739	888	1016	1054	1165	1266			
DEER FLAT DAM	102444	N4335	W11645	2510	51.1	36	70	185	235	297	380	516	647	687	812	933			
DRIGGS	102676	N4344	W11107	6116	40.4	927	1095	1409	1499	1593	1699	1840	1951	1983	2070	2147			
DUBOIS EXP STATION	102707	N4415	W11212	5452	42.6	820	986	1304	1396	1493	1604	1752	1869	1903	1996	2078			
EMMETT 2 E	102942	N4352	W11628	2500	51.2	32	62	169	216	275	354	485	612	651	773	892			
FAIRFIELD RANGER STA	103108	N4321	W11447	5065	41.5	785	963	1309	1412	1521	1646	1813	1948	1986	2094	2189			

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)															
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Idaho																					
FENN RANGER STATION	103143	N4606	W11533	1585	49.1	41	71	165	203	248	308	400	486	513	592	667					
FORT HALL INDIAN AGENCY	103297	N4302	W11226	4460	46.5	258	364	609	691	782	893	1050	1184	1223	1336	1439					
GARDEN VALLEY RS	103448	N4404	W11555	3212	47.3	201	278	454	512	577	654	763	856	883	960	1031					
GLENNS FERRY	103631	N4257	W11518	2570	51.9	35	64	160	200	249	314	419	517	547	640	729					
GRACE	103732	N4235	W11144	5550	42.5	587	743	1061	1158	1261	1382	1546	1679	1717	1826	1922					
GRAND VIEW 2 W	103760	N4300	W11608	2400	52.1	38	71	177	221	275	347	463	571	605	707	806					
GRANGEVILLE	103771	N4555	W11608	3355	46.0	74	122	257	308	368	445	563	669	701	796	885					
GROUSE	103882	N4342	W11337	6100	37.0	1295	1505	1888	1996	2109	2235	2401	2530	2567	2669	2758					
HAILEY AIRPORT	103942	N4331	W11418	5328	43.0	661	810	1102	1188	1280	1385	1526	1639	1671	1762	1842					
HAMER 4 NW	103964	N4358	W11215	4791	42.5	781	984	1395	1520	1654	1808	2019	2189	2238	2376	2499					
HAZELTON	104140	N4236	W11408	4060	48.4	111	172	333	391	459	544	670	781	814	912	1003					
HILL CITY	104268	N4318	W11503	5000	41.5	835	1002	1318	1411	1507	1617	1764	1880	1913	2006	2087					
HOLLISTER	104295	N4221	W11434	4525	48.1	91	140	271	318	373	441	542	631	657	736	808					
IDAHO CITY	104442	N4350	W11550	3965	44.6	286	382	591	659	732	819	940	1040	1070	1153	1228					
IDAHO FALLS FAA AP	104457	N4331	W11204	4730	43.8	509	690	1092	1223	1366	1537	1777	1977	2035	2202	2353					
ISLAND PARK DAM	104598	N4425	W11124	6300	36.4	1470	1685	2071	2179	2290	2414	2576	2702	2738	2837	2922					
JEROME	104670	N4244	W11431	3740	49.6	98	155	308	364	430	512	636	746	779	876	967					
KELLOGG	104831	N4733	W11610	2312	47.2	79	131	281	339	407	495	629	751	788	898	1002					
KOOSKIA	105011	N4609	W11559	1260	50.3	41	72	164	202	246	304	395	478	504	581	654					
KUNA 2 NNE	105038	N4331	W11624	2685	49.5	49	88	213	264	326	408	538	660	697	811	919					
LIFTON PUMPING STATION	105275	N4207	W11118	5926	41.0	843	1037	1418	1531	1651	1788	1974	2123	2165	2285	2390					
MACKAY RANGER STATION	105462	N4355	W11337	5897	41.7	869	1032	1337	1425	1517	1621	1759	1869	1899	1986	2062					
MALAD	105544	N4212	W11215	4600	46.5	287	394	636	715	802	907	1054	1178	1214	1318	1412					
MALAD CITY FAA AP	105559	N4210	W11219	4476	45.4	376	510	807	904	1009	1135	1313	1460	1503	1627	1738					
MAY RANGER STATION	105685	N4436	W11355	5110	42.8	562	720	1047	1148	1256	1382	1555	1696	1737	1853	1955					
MC CALL	105708	N4454	W11607	5025	40.7	605	747	1027	1111	1200	1302	1439	1550	1581	1670	1749					
MINIDOKA DAM	105980	N4240	W11330	4210	48.1	151	230	435	509	594	699	855	991	1031	1151	1261					
MONTPELIER RANGER STA	106053	N4219	W11118	5960	40.8	909	1085	1417	1513	1614	1728	1880	2000	2034	2129	2213					
MOSCOW U OF I	106152	N4644	W11658	2660	47.3	55	97	230	284	349	435	569	694	733	849	960					
MOUNTAIN HOME	106174	N4309	W11543	3185	50.5	48	86	204	253	312	389	511	625	660	766	867					
NEW MEADOWS RANGER STA	106388	N4458	W11617	3870	41.1	624	783	1103	1200	1304	1423	1585	1717	1754	1861	1955					
NEZPERCE	106424	N4615	W11615	3145	45.6	98	157	319	380	450	539	674	794	830	937	1037					
OAKLEY	106542	N4215	W11353	4600	48.5	80	125	242	285	334	395	487	568	592	664	730					
OLA 4 S	106590	N4408	W11617	2990	48.1	106	174	368	443	531	643	814	969	1016	1155	1287					

Footnotes:

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Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Idaho																						
OROFINO	106681	N4629	W11615	1027	51.8	17	35	101	132	170	224	313	400	428	514	598						
PALISADES DAM	106764	N4321	W11113	5385	43.6	578	716	990	1072	1159	1260	1395	1504	1536	1624	1701						
PARMA EXPERIMENT STA	106844	N4348	W11657	2215	50.2	55	102	254	319	397	502	670	828	877	1026	1170						
PAUL 1 ENE	106877	N4237	W11345	4210	47.1	134	208	403	474	556	659	811	946	986	1104	1214						
PAYETTE	106891	N4405	W11656	2150	51.2	44	85	227	288	364	468	637	798	849	1004	1155						
POCATELLO WSO //	107211	N4255	W11236	4454	46.6	253	361	616	703	799	916	1085	1228	1270	1392	1503						
PORTHILL	107264	N4900	W11630	1800	45.3	225	320	545	621	705	808	955	1080	1117	1223	1320						
POTLATCH 3 NNE	107301	N4658	W11653	2500	45.9	40	81	231	298	383	500	693	882	942	1126	1307						
PRIEST RIVER EXP STA	107386	N4821	W11650	2380	44.1	254	350	568	640	719	814	949	1062	1095	1190	1275						
RICHFIELD	107673	N4304	W11409	4306	45.4	340	463	738	828	926	1043	1209	1346	1387	1502	1606						
RIGGINS RANGER STATION	107706	N4525	W11619	1801	54.2	2	7	41	62	92	139	233	339	376	496	626						
ST ANTHONY 1 WNW	108022	N4358	W11143	4950	42.3	661	830	1169	1271	1381	1507	1679	1818	1858	1971	2070						
SAINT MARIES	108062	N4719	W11634	2145	47.4	60	105	243	298	365	452	588	714	753	869	980						
SALMON 1 N	108080	N4511	W11354	3970	44.8	444	587	895	993	1099	1225	1399	1543	1585	1705	1811						
SANDPOINT EXP STATION	108137	N4817	W11634	2100	45.3	153	227	413	478	552	643	776	890	925	1024	1116						
SHOSHONE 1 WNW	108380	N4258	W11426	3950	48.6	187	278	505	584	675	786	948	1089	1130	1252	1364						
SWAN FALLS POWER HOUSE	108928	N4315	W11623	2325	55.6	16	32	94	122	157	205	285	364	388	465	540						
WALLACE WOODLAND PARK	109498	N4730	W11553	2935	44.3	188	269	462	528	602	692	821	931	964	1058	1143						
Illinois																						
ALEDO	110072	N4113	W09045	720	50.3	395	518	779	862	951	1055	1200	1319	1354	1452	1540						
ALTON DAM 26	110137	N3853	W09011	432	54.7	93	149	302	360	426	511	638	752	786	888	982						
ANNA 1 E	110187	N3728	W08914	645	56.7	34	60	142	175	215	268	351	429	452	524	593						
ANTIOCH 2 NW	110203	N4230	W08808	752	47.3	486	631	936	1031	1134	1255	1421	1558	1597	1709	1809						
AURORA COLLEGE	110338	N4145	W08820	744	48.7	433	563	840	926	1020	1129	1281	1405	1441	1544	1635						
BELLEVILLE SO ILL UNIV	110510	N3830	W08951	450	55.3	56	97	221	271	331	409	531	644	678	781	880						
CAIRO WSO	111166	N3700	W08910	314	59.1	20	37	93	117	146	185	248	307	326	382	436						
CARBONDALE SEWAGE PL	111265	N3744	W08912	380	56.2	33	63	164	207	260	331	445	555	589	692	793						
CARLINVILLE	111280	N3917	W08952	625	54.0	125	188	346	402	466	545	661	762	792	879	960						
CARLYLE RESERVOIR	111290	N3838	W08920	501	54.7	75	126	279	339	410	501	643	773	812	931	1042						
CHARLESTON	111436	N3929	W08811	710	53.4	140	209	384	446	516	602	729	839	872	967	1055						
CHENOA	111475	N4044	W08844	710	50.7	284	393	640	721	811	919	1072	1200	1238	1346	1444						
CHICAGO UNIVERSITY //	111572	N4147	W08736	594	50.8	228	317	521	589	664	755	883	991	1023	1114	1197						
CHICAGO MIDWAY AP	111577	N4147	W08745	607	50.6	273	380	625	706	796	904	1058	1187	1225	1334	1433						
DANVILLE	112140	N4008	W08739	558	52.3	148	224	419	489	569	668	813	941	979	1090	1193						

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Illinois																		
DECATUR	112193	N3951	W08858	670	53.2	156	232	423	490	566	661	798	918	953	1057	1152		
DE KALB	112223	N4156	W08846	840	48.6	498	634	911	996	1087	1193	1338	1456	1490	1586	1671		
DIXON	112348	N4150	W08929	690	49.3	410	550	856	954	1061	1189	1367	1515	1558	1682	1792		
DU QUOIN 1 NNW	112483	N3800	W08915	410	56.1	41	74	182	227	281	354	469	576	610	711	808		
EFFINGHAM	112687	N3907	W08833	595	53.7	83	142	316	385	467	573	737	887	933	1070	1200		
FAIRFIELD RADIO WFIW	112931	N3823	W08819	425	55.3	55	93	208	254	308	377	486	585	615	706	791		
FLORA 5 NW	113109	N3841	W08834	500	54.8	61	107	247	304	372	460	599	727	767	885	998		
FULTON DAM 13	113290	N4154	W09009	592	49.4	413	554	863	962	1070	1199	1379	1528	1571	1695	1807		
GALESBURG	113320	N4057	W09023	771	50.1	368	493	768	857	953	1068	1228	1361	1400	1510	1610		
GALVA	113335	N4110	W09002	873	49.7	358	493	800	902	1013	1147	1336	1495	1542	1675	1796		
GRIGGSVILLE	113717	N3943	W09044	700	53.2	149	225	419	488	566	664	808	933	970	1080	1180		
HARRISBURG	113879	N3744	W08832	366	57.5	33	59	144	179	221	278	367	450	476	554	628		
HILLSBORO 2 SSW	114108	N3909	W08930	720	54.1	103	160	311	365	429	507	625	729	760	851	936		
HOOPESTON	114198	N4028	W08740	710	51.4	212	307	537	616	704	813	970	1104	1144	1259	1364		
JACKSONVILLE	114442	N3944	W09012	620	52.6	148	229	440	517	606	716	880	1025	1068	1195	1313		
JERSEYVILLE 2 SW	114489	N3906	W09021	630	54.0	77	133	302	370	451	557	721	873	919	1058	1191		
KEWANEE	114710	N4115	W08955	820	49.9	366	496	786	880	983	1106	1279	1423	1465	1585	1693		
LA HARPE	114823	N4035	W09058	710	51.3	284	390	628	707	793	896	1042	1164	1200	1303	1396		
LINCOLN	115079	N4009	W08922	590	52.4	192	276	479	549	627	722	858	975	1010	1110	1202		
MARENGO	115326	N4215	W08836	825	47.8	545	687	974	1062	1155	1263	1410	1529	1563	1660	1745		
MATTOON	115430	N3928	W08821	718	52.4	150	226	421	491	570	668	813	939	977	1087	1188		
MCLEANSBORO 2 E	115515	N3805	W08830	450	55.8	41	76	190	238	296	374	498	615	651	761	867		
MINONK 3 NE	115712	N4056	W08900	750	50.4	315	434	705	794	892	1010	1177	1317	1358	1475	1582		
MONMOUTH	115768	N4055	W09038	770	51.0	306	412	646	721	803	901	1038	1152	1185	1280	1365		
MORRISON	115833	N4149	W08958	603	49.3	387	525	831	931	1040	1170	1353	1505	1549	1677	1791		
MOUNT CARROLL	115901	N4205	W08959	837	47.9	458	619	974	1090	1215	1365	1575	1750	1801	1947	2079		
MOUNT VERNON	115943	N3819	W08855	500	55.5	49	86	202	249	306	380	498	606	639	740	836		
NEWTON 2 NE	116159	N3900	W08807	510	54.5	53	100	254	320	400	508	682	846	897	1053	1204		
OLNEY 2 S	116446	N3842	W08804	480	55.2	56	98	228	280	343	425	554	674	711	821	926		
OTTAWA	116526	N4122	W08850	474	51.5	261	362	591	667	750	851	993	1113	1148	1249	1340		
PALESTINE	116558	N3900	W08737	514	54.6	78	129	274	330	396	480	609	725	760	865	964		
PANA	116579	N3923	W08905	696	53.3	131	198	371	433	503	591	720	833	866	965	1056		
PARIS WATERWORKS	116610	N3938	W08742	739	53.1	147	221	409	476	552	646	785	906	942	1047	1144		
PARK FOREST	116616	N4130	W08741	710	49.3	355	478	749	836	931	1045	1204	1335	1374	1484	1583		

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Illinois																
PEORIA WSO //	116711	N4040	W08941	652	50.4	325	442	704	790	883	995	1153	1284	1323	1433	1532
PERU 2 W	116753	N4120	W08909	615	50.5	316	433	699	786	882	997	1159	1295	1335	1449	1552
PIPER CITY 3 SE	116819	N4048	W08808	690	51.0	256	362	610	694	787	900	1061	1198	1238	1355	1460
PONTIAC	116910	N4053	W08837	647	51.5	241	342	580	660	749	857	1012	1143	1182	1294	1396
QUINCY FAA AIRPORT	117072	N3956	W09112	763	52.1	241	335	551	623	702	798	933	1047	1081	1178	1265
RANTOUL	117150	N4019	W08810	740	51.4	200	299	544	631	729	850	1028	1181	1227	1360	1483
ROCKFORD WSO //	117382	N4212	W08906	724	47.8	532	684	998	1096	1200	1322	1490	1626	1666	1778	1877
ROSICLARE	117487	N3725	W08821	400	56.9	29	53	130	161	200	251	332	408	431	502	571
RUSHVILLE	117551	N4007	W09034	660	52.3	223	315	529	601	681	778	916	1034	1068	1168	1258
SPARTA	118147	N3808	W08942	480	56.7	40	71	166	205	251	312	407	496	523	605	683
SPRINGFIELD WSO	118179	N3950	W08941	588	52.6	194	282	498	573	657	760	909	1037	1075	1185	1285
STOCKTON	118293	N4221	W09000	1005	47.3	599	758	1082	1181	1286	1409	1577	1713	1752	1862	1960
TUSCOLA	118684	N3948	W08817	653	53.0	144	221	418	489	570	671	820	951	990	1104	1210
URBANA	118740	N4006	W08814	743	51.9	179	265	476	549	633	735	884	1013	1051	1163	1265
VIRDEN 1 N	118860	N3931	W08946	675	53.3	145	217	397	461	534	623	754	868	902	1001	1092
WALNUT	118916	N4134	W08935	760	49.9	392	524	812	905	1005	1124	1291	1429	1469	1583	1686
WATSEKA 2 NW	119021	N4047	W08746	620	50.6	212	319	587	682	790	923	1120	1290	1341	1489	1625
WAUKEGAN 4 WSW	119029	N4221	W08753	700	47.6	413	546	834	925	1024	1141	1303	1438	1476	1588	1687
WHEATON 3 SE	119221	N4149	W08804	680	49.4	372	493	756	840	931	1038	1188	1312	1348	1451	1543
WHITE HALL 1 E	119241	N3926	W09023	578	53.9	118	182	349	409	478	565	693	806	840	939	1031
WINDSOR	119354	N3926	W08836	685	53.3	144	215	394	457	529	618	748	861	894	993	1083
Indiana																
ANDERSON SEWAGE PLANT	120177	N4006	W08543	847	51.2	145	228	450	532	626	745	923	1080	1128	1267	1397
BERNE	120676	N4040	W08457	858	51.0	170	255	470	546	633	740	897	1034	1075	1193	1303
BROOKVILLE	121030	N3925	W08501	670	51.3	124	195	382	451	530	629	778	910	949	1066	1174
CAMBRIDGE CITY	121229	N3949	W08510	940	50.0	187	281	518	602	697	815	988	1138	1183	1314	1435
COLUMBIA CITY 1 S	121739	N4108	W08529	850	49.6	261	369	619	704	797	910	1073	1210	1250	1367	1473
COLUMBUS	121747	N3912	W08555	621	52.4	96	155	322	385	458	552	695	822	861	975	1083
CRANE NAVAL DEPOT	121869	N3852	W08650	760	55.6	58	96	205	247	297	361	458	546	573	652	728
CRAWFORDSVILLE PWR PL	121882	N4003	W08654	679	50.9	184	277	513	597	693	811	985	1136	1181	1313	1435
DELPHI 3 NNE	122149	N4037	W08640	560	51.5	152	234	447	525	614	724	889	1033	1077	1204	1321
EDWARDSPORT POWER PL	122549	N3848	W08714	463	53.7	96	156	320	382	455	546	686	810	848	960	1064
ELWOOD WATERWORKS	122638	N4016	W08551	853	49.9	237	339	584	667	760	873	1036	1175	1216	1335	1443
EVANSVILLE	122731	N3758	W08733	384	57.5	29	52	130	162	201	253	336	414	438	511	581

Footnotes:

* Probability of occurrence less than indicated probability (Value=0)

** No Freezing Index Values Recorded during 1951-80 period (Value=0)

Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)													
						1.1 Year (10%)	1.2 Year (20%)	2 Year (50%)	2.5 Year (60%)	3.3 Year (70%)	5 Year (80%)	10 Year (90%)	20 Year (95%)	25 Year (96%)	50 Year (98%)	100 Year (99%)			
Indiana																			
FRANKFORT DISPOSAL PL	123082	N4019	W08630	833	50.3	215	312	549	630	722	834	996	1135	1176	1296	1405			
GOSHEN COLLEGE	123418	N4134	W08550	806	49.6	265	366	598	675	760	862	1006	1128	1163	1266	1358			
GREENCASTLE 1 E	123513	N3939	W08651	835	52.4	169	246	435	500	573	663	793	904	938	1034	1121			
GREENFIELD	123527	N3947	W08546	900	51.7	144	225	441	521	612	727	899	1051	1097	1231	1356			
GREENSBURG 3 SW	123547	N3920	W08533	875	52.0	116	182	359	424	499	594	736	862	900	1011	1115			
HOBART	124008	N4132	W08715	600	50.7	225	319	540	614	697	798	942	1065	1101	1205	1300			
HUNTINGTON	124176	N4053	W08530	802	50.7	203	292	507	580	662	763	907	1031	1067	1173	1270			
INDIANAPOLIS WSO //	124259	N3944	W08616	792	52.1	135	209	403	473	554	655	806	938	978	1094	1202			
INDIANAPOLIS SE SIDE	124272	N3945	W08607	750	52.3	138	211	400	468	546	642	785	910	948	1058	1159			
JOHNSON EXP FARM	124407	N3816	W08745	440	55.7	46	85	207	258	320	402	533	656	694	809	919			
KENTLAND	124527	N4046	W08727	685	51.3	217	315	550	631	722	833	994	1132	1173	1291	1399			
KOKOMO 7 SE	124662	N4025	W08603	855	51.0	189	286	536	625	726	853	1039	1202	1250	1392	1523			
LA PORTE	124837	N4136	W08643	810	49.7	278	383	622	700	787	891	1038	1161	1198	1301	1395			
MARION 2 N	125337	N4034	W08540	791	49.6	247	351	594	676	767	878	1037	1171	1211	1326	1430			
MOUNT VERNON	126001	N3757	W08753	415	55.6	44	80	195	244	302	380	503	619	655	763	867			
NEW CASTLE	126164	N3956	W08523	973	50.2	194	288	526	609	704	821	992	1141	1185	1314	1432			
NORTH VERNON 2 SW	126435	N3900	W08539	790	54.4	70	113	234	280	334	402	506	599	627	711	789			
OAKLANDON GEIST RESVR	126506	N3954	W08559	795	51.4	165	248	459	534	620	726	881	1017	1057	1175	1284			
OGDEN DUNES	126542	N4137	W08711	610	50.3	223	319	549	627	715	821	974	1105	1143	1255	1357			
OOLITIC PURDUE EXP FRM	126580	N3853	W08633	650	53.2	70	121	279	342	418	516	671	814	858	989	1115			
PAOLI RADIO WVAK	126705	N3832	W08629	640	53.0	87	142	293	351	418	504	634	750	785	890	988			
PLYMOUTH POWER SUBSTA	127028	N4120	W08619	785	50.3	253	356	599	680	771	880	1037	1170	1209	1322	1424			
PRINCETON 1 W	127125	N3821	W08735	482	55.5	49	87	206	255	313	391	512	626	661	766	867			
RICHMOND WTR WKS 2 NNE	127370	N3953	W08453	1014	50.5	150	232	446	524	614	726	893	1039	1083	1212	1331			
ROCHESTER	127482	N4104	W08613	770	49.0	329	448	714	800	895	1009	1168	1302	1340	1452	1553			
ROCKVILLE	127522	N3946	W08714	692	53.1	127	196	375	440	515	608	746	867	904	1010	1109			
RUSHVILLE SEWAGE PLANT	127646	N3936	W08527	955	50.9	169	256	480	560	651	764	931	1076	1120	1247	1364			
SCOTTSBURG	127875	N3841	W08546	550	53.8	71	119	259	313	377	460	587	702	738	842	941			
SEYMOUR 2 N	127935	N3859	W08554	573	52.7	88	144	304	365	436	527	666	791	829	942	1048			
SHELBYVILLE SEWAGE PL	127999	N3931	W08547	750	52.0	120	196	409	490	585	706	890	1055	1105	1254	1393			
SHOALS HIWAY 50 BRIDGE	128036	N3840	W08648	550	53.5	75	125	270	326	392	477	607	725	761	868	969			
SOUTH BEND WSO //	128187	N4142	W08619	773	49.4	275	378	614	692	778	880	1026	1148	1183	1286	1379			
SPENCER	128290	N3917	W08646	550	52.3	111	179	368	440	523	629	789	932	976	1104	1224			
TELL CITY POWER PLANT	128698	N3757	W08646	394	55.8	42	74	175	216	266	331	434	529	558	647	731			

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (⁰F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (⁰ F)	Air Freezing Index Return Periods (⁰ F-Days) & Associated Probabilities (%)														
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Indiana																				
TERRE HAUTE 8 S	128723	N3921	W08725	555	52.6	137	210	403	473	552	652	800	930	969	1084	1190				
VALPARAISO WATERWORKS	128999	N4131	W08702	801	49.5	280	387	633	714	803	911	1063	1192	1229	1338	1435				
VEVAY	129080	N3845	W08504	480	54.9	46	80	183	224	274	338	439	532	560	646	727				
VINCENNES 1 NW	129112	N3841	W08732	420	54.1	85	138	290	347	415	501	633	751	787	893	993				
WABASH	129138	N4045	W08548	800	49.0	293	407	669	757	853	969	1133	1272	1313	1430	1536				
WASHINGTON	129253	N3839	W08710	510	55.6	54	92	201	244	295	360	461	552	580	664	743				
WATERLOO	129271	N4125	W08502	908	49.2	294	401	639	716	801	902	1045	1165	1199	1299	1389				
WEST LAFAYETTE 6 NW	129430	N4028	W08700	705	50.1	263	374	639	728	828	949	1124	1272	1316	1442	1557				
WHEATFIELD 2 NNW	129511	N4114	W08704	658	48.6	377	505	786	877	976	1093	1257	1393	1432	1546	1647				
WHITESTOWN	129557	N4000	W08620	819	50.8	199	293	527	608	701	814	979	1122	1164	1288	1401				
WINAMAC 5 SW	129670	N4100	W08639	700	49.8	250	356	607	692	787	902	1068	1209	1250	1371	1480				
WINCHESTER AIRPORT	129678	N4011	W08455	1109	49.8	242	343	581	661	750	859	1014	1146	1184	1297	1398				
Iowa																				
ALBIA	130112	N4102	W09248	944	51.2	353	465	706	783	866	963	1099	1211	1243	1335	1418				
ALGONA 3 W	130133	N4304	W09418	1230	46.2	930	1109	1449	1547	1650	1766	1922	2044	2079	2177	2262				
ALLISON	130157	N4246	W09247	1060	47.2	756	930	1272	1374	1481	1605	1771	1905	1943	2050	2145				
AMES 8 WSW	130200	N4202	W09348	1099	48.2	619	773	1082	1175	1274	1389	1544	1670	1705	1807	1896				
ANAMOSA 1 WNW	130213	N4207	W09118	805	47.4	645	800	1106	1198	1295	1407	1559	1681	1716	1814	1901				
ANKENY 2 SW	130241	N4143	W09337	950	48.6	586	735	1035	1126	1223	1335	1487	1610	1645	1745	1833				
ATLANTIC 1 NE	130364	N4125	W09500	1195	48.5	542	689	991	1083	1182	1298	1455	1583	1620	1724	1817				
AUDUBON	130385	N4143	W09456	1190	48.7	585	731	1023	1111	1205	1313	1460	1579	1613	1709	1794				
BEDFORD	130576	N4040	W09443	1120	51.2	314	424	668	747	833	936	1080	1200	1235	1336	1426				
BELLE PLAINE	130600	N4154	W09216	855	48.5	554	701	1001	1093	1191	1304	1459	1585	1621	1724	1814				
BELLEVUE L AND D NO 12	130608	N4216	W09025	603	48.4	522	664	955	1044	1140	1251	1403	1526	1562	1662	1751				
BLOOMFIELD	130753	N4045	W09225	830	50.6	352	469	722	803	891	995	1141	1261	1296	1397	1486				
BOONE	130807	N4203	W09353	1041	48.0	621	786	1122	1224	1334	1461	1635	1776	1816	1931	2032				
BRITT	130923	N4304	W09349	1234	46.3	913	1105	1474	1582	1695	1825	1999	2137	2177	2287	2384				
CARROLL 2 SSW	131233	N4202	W09453	1250	47.6	706	862	1167	1257	1352	1461	1607	1724	1757	1851	1934				
CASCADE	131257	N4218	W09101	845	47.2	609	776	1120	1225	1338	1470	1651	1797	1839	1959	2065				
CASTANA EXP FARM	131277	N4204	W09549	1417	48.3	594	745	1049	1142	1240	1354	1508	1633	1669	1770	1859				
CEDAR RAPIDS NO 1	131319	N4202	W09135	818	48.9	519	663	961	1053	1151	1265	1422	1550	1587	1691	1784				
CENTERVILLE 4 SSW	131354	N4041	W09254	1017	51.0	332	447	699	781	870	975	1124	1247	1283	1386	1478				
CHARITON	131394	N4100	W09319	960	50.2	368	490	756	841	933	1042	1194	1320	1357	1462	1556				
CHARLES CITY	131402	N4303	W09240	1013	46.5	816	997	1349	1453	1563	1689	1858	1993	2032	2140	2236				

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Iowa																			
CHEROKEE	131442	N4245	W09532	1158	46.4	787	979	1362	1477	1600	1740	1932	2085	2129	2254	2363			
CLARINDA	131533	N4044	W09501	1048	50.8	380	497	744	821	905	1004	1140	1252	1284	1376	1459			
CLARION	131541	N4244	W09345	1160	46.0	850	1046	1430	1545	1666	1805	1992	2142	2185	2306	2412			
CLINTON NO 1	131635	N4150	W09013	595	49.5	425	560	850	942	1042	1159	1322	1457	1496	1607	1706			
COLUMBUS JUNCTION	131731	N4117	W09122	610	50.4	394	516	776	858	947	1051	1196	1315	1349	1447	1535			
CORNING	131833	N4100	W09445	1215	49.1	462	603	903	997	1098	1218	1383	1519	1558	1670	1770			
CORYDON	131848	N4045	W09319	1075	50.3	335	464	758	856	963	1092	1275	1428	1473	1603	1720			
CRESCO	131954	N4323	W09206	1320	44.6	999	1206	1601	1717	1838	1976	2162	2309	2350	2468	2571			
DAVENPORT L AND D NO 15	132069	N4131	W09034	570	50.5	382	505	770	854	946	1054	1204	1328	1364	1467	1558			
DECORAH 2 N	132110	N4319	W09147	1134	45.8	852	1037	1397	1503	1614	1742	1914	2050	2090	2199	2295			
DENISON	132171	N4202	W09520	1401	48.0	603	763	1089	1188	1295	1418	1587	1723	1763	1874	1972			
DUBUQUE L AND D NO 11	132364	N4232	W09039	616	48.6	543	689	987	1079	1176	1290	1445	1570	1607	1709	1800			
EMMETSBURG	132689	N4306	W09440	1230	46.3	864	1049	1406	1511	1622	1748	1917	2052	2090	2198	2293			
ESTHERVILLE 2 N	132724	N4325	W09450	1302	45.0	996	1201	1595	1710	1831	1969	2153	2300	2342	2459	2561			
FAIRFIELD	132789	N4102	W09157	754	50.6	397	515	760	837	920	1016	1150	1259	1290	1380	1459			
FAYETTE	132864	N4250	W09148	1005	45.7	875	1053	1392	1491	1595	1713	1871	1996	2032	2132	2219			
FOREST CITY	132977	N4316	W09339	1282	45.6	963	1158	1531	1640	1754	1884	2058	2196	2235	2345	2441			
FORT DODGE	132999	N4231	W09410	1111	47.4	696	869	1216	1321	1433	1561	1736	1877	1917	2031	2132			
GLENWOOD 2 NNW	133290	N4105	W09545	1250	51.1	363	481	738	820	909	1014	1160	1281	1316	1417	1506			
GREENFIELD	133438	N4118	W09428	1340	49.8	470	600	869	953	1041	1145	1287	1403	1436	1530	1614			
GRINNELL 3 SW	133473	N4143	W09244	910	47.4	615	784	1131	1238	1352	1485	1668	1816	1859	1980	2087			
GRUNDY CENTER	133487	N4222	W09247	1020	46.2	846	1020	1355	1452	1555	1672	1829	1953	1989	2088	2175			
GUTTENBERG L AND D 10	133517	N4247	W09106	624	48.1	617	774	1090	1186	1288	1405	1566	1696	1733	1838	1931			
HAMPTON 3 NNE	133584	N4246	W09313	1160	46.2	882	1062	1403	1503	1608	1727	1886	2012	2048	2149	2237			
HARLAN	133632	N4139	W09519	1160	49.1	510	652	945	1035	1131	1244	1398	1524	1560	1663	1754			
HAWARDEN	133718	N4300	W09629	1206	47.6	720	899	1258	1367	1482	1615	1796	1942	1983	2101	2205			
HUMBOLDT NO 2	133985	N4241	W09412	1052	46.8	802	980	1326	1428	1536	1660	1826	1959	1997	2103	2197			
IDA GROVE	134038	N4220	W09528	1255	47.6	670	840	1183	1287	1398	1526	1700	1841	1881	1996	2096			
INDEPENDENCE 2 SW	134052	N4227	W09155	940	46.3	743	929	1299	1411	1530	1668	1855	2005	2048	2170	2278			
INDIANOLA 2 SSW	134063	N4121	W09334	840	50.3	394	519	788	873	965	1074	1226	1350	1386	1489	1582			
IOWA CITY	134101	N4139	W09132	640	50.1	429	557	826	911	1001	1108	1255	1375	1410	1509	1597			
IOWA FALLS 1 E	134142	N4231	W09315	1168	46.9	756	923	1249	1346	1447	1564	1721	1846	1882	1982	2070			
JEFFERSON	134228	N4201	W09422	1050	49.0	559	704	998	1088	1183	1294	1445	1567	1602	1701	1788			
KEOKUK LOCK AND DAM 19	134381	N4024	W09122	527	53.0	201	287	492	562	639	734	870	985	1019	1118	1208			

Footnotes:

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Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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						1.1 Year (10%)	1.2 Year (20%)	2 Year (50%)	2.5 Year (60%)	3.3 Year (70%)	5 Year (80%)	10 Year (90%)	20 Year (95%)	25 Year (96%)	50 Year (98%)	100 Year (99%)			
Iowa																			
KEOSAUQUA	134389	N4044	W09158	625	51.7	269	371	603	679	763	864	1006	1126	1161	1262	1353			
KNOXVILLE	134502	N4119	W09308	915	50.5	398	524	791	876	967	1075	1225	1348	1384	1485	1576			
LAKE PARK	134561	N4327	W09519	1465	45.0	1019	1229	1632	1750	1874	2015	2204	2354	2397	2516	2621			
LE CLAIRE L AND D 14	134705	N4135	W09025	577	50.4	363	489	765	855	952	1068	1230	1365	1405	1517	1618			
LE MARS 2 N	134735	N4249	W09610	1165	47.9	738	908	1241	1340	1445	1566	1728	1858	1896	2000	2093			
LOGAN	134894	N4138	W09548	1052	50.0	463	598	880	968	1062	1173	1325	1449	1485	1587	1678			
MAPLETON 4 NNW	135123	N4214	W09548	1240	48.1	630	787	1101	1196	1297	1413	1572	1699	1736	1839	1930			
MAQUOKETA	135131	N4205	W09040	640	48.3	524	675	989	1086	1191	1313	1482	1619	1659	1772	1872			
MARSHALLTOWN	135198	N4204	W09256	898	47.7	632	796	1129	1230	1338	1463	1634	1771	1811	1923	2022			
MASON CITY 3 N	135230	N4311	W09312	1148	45.7	970	1157	1511	1614	1721	1842	2004	2132	2169	2271	2359			
MILFORD 4 NW	135493	N4323	W09511	1402	45.2	1026	1227	1609	1720	1836	1968	2144	2283	2322	2433	2530			
MOUNT PLEASANT	135796	N4057	W09133	736	50.7	372	490	745	825	912	1015	1158	1276	1310	1408	1495			
MUSCATINE 4 ENE	135837	N4127	W09058	600	50.7	362	481	742	825	916	1023	1172	1296	1332	1435	1527			
NEW HAMPTON	135952	N4303	W09218	1155	45.4	954	1133	1468	1565	1666	1780	1932	2052	2086	2181	2264			
NEWTON 1 E	135992	N4141	W09302	936	49.7	496	634	918	1006	1099	1209	1359	1481	1516	1616	1704			
NORTHWOOD	136103	N4327	W09313	1210	45.5	1031	1218	1568	1668	1772	1891	2047	2171	2205	2303	2388			
OAKLAND 2 E	136151	N4119	W09523	1150	49.3	486	625	912	1001	1097	1208	1361	1486	1522	1624	1715			
OELWEIN 2 SE	136200	N4240	W09154	1060	46.2	827	1001	1336	1434	1537	1654	1812	1937	1973	2073	2161			
ONAWA	136243	N4202	W09606	1050	49.6	510	655	955	1049	1149	1265	1426	1557	1594	1702	1797			
OSAGE	136305	N4317	W09248	1170	45.6	921	1108	1465	1570	1679	1803	1969	2101	2139	2244	2336			
OSCEOLA	136316	N4102	W09346	1102	50.2	386	514	792	881	978	1092	1252	1384	1423	1532	1631			
OSKALOOSA	136327	N4118	W09239	833	50.4	387	512	781	866	959	1069	1221	1347	1383	1487	1581			
OTTUMWA FAA AIRPORT	136389	N4106	W09227	842	50.3	424	551	817	901	990	1096	1241	1360	1395	1493	1580			
PERRY	136566	N4150	W09407	967	48.1	607	765	1085	1182	1286	1406	1570	1703	1741	1848	1944			
POCAHONTAS	136719	N4244	W09440	1260	46.8	732	926	1322	1443	1573	1723	1927	2093	2141	2276	2396			
PRIMGHAR	136800	N4305	W09538	1520	47.0	820	1009	1379	1490	1606	1740	1921	2066	2107	2223	2326			
RED OAK	136940	N4100	W09514	1037	50.8	379	502	765	849	940	1047	1196	1319	1355	1457	1548			
ROCK RAPIDS	137147	N4326	W09610	1350	45.9	930	1129	1513	1626	1744	1880	2062	2207	2248	2365	2466			
ROCKWELL CITY	137161	N4224	W09437	1210	47.9	680	847	1178	1277	1383	1505	1670	1803	1841	1949	2043			
SAC CITY	137312	N4226	W09459	1274	48.1	693	855	1176	1272	1373	1490	1647	1773	1810	1911	2001			
SANBORN	137386	N4311	W09541	1551	45.5	956	1161	1555	1671	1793	1933	2120	2269	2312	2431	2535			
SHELDON	137594	N4311	W09551	1418	45.7	937	1130	1501	1609	1723	1853	2026	2164	2203	2313	2410			
SHENANDOAH	137613	N4045	W09523	1014	52.0	292	400	646	726	815	921	1071	1196	1233	1338	1434			
SIBLEY	137664	N4324	W09545	1494	45.6	948	1138	1498	1603	1712	1837	2004	2136	2173	2279	2371			

Footnotes:

* Probability of occurrence less than indicated probability (Value=0)

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)														
						1.1 Year (10%)	1.2 Year (20%)	2 Year (50%)	2.5 Year (60%)	3.3 Year (70%)	5 Year (80%)	10 Year (90%)	20 Year (95%)	25 Year (96%)	50 Year (98%)	100 Year (99%)				
Iowa																				
SIDNEY	137669	N4045	W09539	1125	52.3	305	406	625	695	772	862	988	1092	1123	1209	1287				
SIGOURNEY	137678	N4120	W09212	795	50.3	402	532	812	901	997	1111	1270	1400	1438	1546	1643				
SIOUX RAPIDS	137726	N4253	W09508	1275	46.4	798	990	1368	1482	1602	1741	1928	2079	2122	2244	2351				
SPENCER 1 N //	137844	N4310	W09509	1325	45.1	999	1198	1577	1688	1803	1935	2110	2249	2289	2400	2497				
STORM LAKE 2 E	137979	N4238	W09511	1425	45.4	899	1098	1486	1600	1721	1860	2046	2195	2238	2357	2462				
TIPTON	138266	N4146	W09109	769	48.8	504	660	993	1097	1211	1344	1529	1680	1724	1850	1961				
TOLEDO	138296	N4159	W09235	890	47.3	641	811	1158	1264	1377	1508	1688	1833	1875	1993	2098				
TRIPOLI	138339	N4249	W09215	950	46.7	754	934	1292	1399	1512	1643	1820	1962	2003	2118	2219				
VINTON	138568	N4210	W09201	830	48.3	593	747	1059	1154	1256	1373	1533	1662	1699	1805	1897				
WASHINGTON	138688	N4117	W09141	762	51.0	366	485	739	820	908	1012	1156	1275	1309	1408	1496				
WAUKON	138755	N4316	W09129	1237	45.3	934	1114	1455	1554	1657	1774	1930	2053	2088	2186	2272				
WEBSTER CITY	138806	N4228	W09349	1040	47.3	748	913	1236	1331	1432	1547	1702	1826	1862	1961	2048				
WILLIAMSBURG	139067	N4140	W09201	805	49.2	505	645	935	1024	1119	1231	1384	1508	1544	1645	1735				
WINTERSET 3 NW	139132	N4122	W09404	1100	48.9	493	639	943	1039	1141	1261	1426	1562	1601	1712	1811				
Kansas																				
ABILENE 2 S	140010	N3853	W09712	1155	54.6	156	223	379	431	490	561	664	751	776	850	918				
ALTON 6 E	140201	N3928	W09850	1591	54.0	167	233	383	433	488	554	649	728	751	819	879				
ANTHONY	140264	N3709	W09801	1340	58.3	42	70	151	182	218	265	338	403	423	482	538				
ASHLAND	140365	N3712	W09946	1970	56.2	52	86	181	218	260	315	398	473	496	563	627				
ATCHISON	140405	N3934	W09507	945	54.1	166	235	399	454	515	590	696	787	814	891	961				
BELLEVILLE	140682	N3950	W09738	1540	53.1	223	307	495	556	624	705	820	917	945	1026	1099				
BISON	140865	N3831	W09912	2015	55.2	93	143	273	320	374	441	540	627	653	729	800				
CENTRALIA	141408	N3943	W09608	1266	53.4	209	287	464	521	585	661	769	859	886	961	1030				
CHANUTE FAA AIRPORT	141427	N3740	W09529	979	56.4	58	96	202	243	291	352	444	528	553	628	699				
CIMARRON	141522	N3748	W10021	2625	55.2	83	121	215	247	283	328	392	447	464	511	555				
CLAY CENTER	141559	N3923	W09708	1211	55.0	151	215	367	418	476	545	646	731	756	829	895				
COLBY 1 SW	141699	N3923	W10104	3170	50.8	210	290	474	535	602	683	798	894	922	1003	1077				
COLDWATER	141704	N3716	W09920	2083	57.4	53	85	170	202	238	285	354	416	435	490	541				
COLUMBUS 6 NNW	141740	N3715	W09452	898	57.7	32	56	132	163	200	248	325	395	417	482	544				
COTTONWOOD FALLS	141858	N3822	W09633	1225	56.0	77	122	243	288	340	405	503	590	616	693	765				
COUNCIL GROVE DAM	141867	N3841	W09631	1320	54.0	155	223	385	441	503	578	687	780	807	887	959				
DODGE CITY WSO //	142164	N3746	W09958	2582	55.1	88	133	248	289	335	393	478	552	574	639	699				
EL DORADO	142401	N3749	W09650	1282	56.6	61	98	203	242	288	346	434	513	537	608	674				
ELKHART	142432	N3700	W10154	3585	56.4	35	58	127	154	186	227	289	346	364	416	465				

Footnotes:

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Air Freezing Index Return Periods (⁰F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (⁰ F)	Air Freezing Index Return Periods (⁰ F-Days) & Associated Probabilities (%)										
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Kansas																
ELLSWORTH	142459	N3844	W09814	1530	55.2	119	175	312	361	415	481	578	662	687	759	825
EMPORIA FAA AIRPORT R	142543	N3820	W09612	1209	54.7	113	166	298	344	395	459	551	631	655	724	787
ESKRIDGE	142602	N3852	W09606	1417	54.7	130	189	329	377	431	497	592	673	697	767	831
EUREKA	142622	N3749	W09617	1044	56.9	55	91	192	231	277	336	425	506	531	604	673
FALL RIVER DAM	142686	N3739	W09605	1020	56.3	66	107	221	264	314	378	474	560	586	664	736
FLORENCE	142773	N3815	W09656	1294	56.0	88	134	252	294	342	401	489	566	588	655	717
FORT SCOTT	142835	N3751	W09442	845	58.2	51	86	187	226	273	333	425	508	534	610	681
FREDONIA 1 E	142894	N3732	W09548	925	57.6	40	68	155	189	230	284	367	443	466	536	602
GARDEN CITY FAA AP	142975	N3756	W10043	2882	54.4	93	144	277	325	381	450	554	645	672	752	826
GARNETT	143008	N3817	W09514	1066	56.3	70	112	228	271	322	386	482	569	595	672	744
GOODLAND WSO //	143153	N3922	W10142	3650	50.7	186	255	408	459	514	580	673	751	774	839	898
GREAT BEND	143218	N3821	W09846	1850	56.2	88	134	249	291	338	396	482	556	579	644	704
GREENSBURG	143239	N3737	W09918	2230	55.8	76	119	233	274	322	382	471	550	574	644	709
HAYS 1 S	143527	N3852	W09920	2000	53.0	206	277	434	485	540	606	698	775	797	861	918
HEALY	143554	N3836	W10037	2852	53.9	114	165	289	332	380	439	523	596	617	679	736
HERINGTON	143594	N3840	W09657	1335	55.0	122	178	315	362	415	480	574	655	679	749	813
HILL CITY FAA AIRPORT	143660	N3923	W09950	2196	52.9	189	258	411	461	515	581	673	749	772	836	894
HOLTON 4 NE	143759	N3930	W09540	1085	53.7	163	238	420	483	554	641	766	874	906	999	1084
HORTON	143810	N3940	W09531	1029	53.4	201	279	459	519	585	665	778	873	901	981	1054
HOWARD 5 NE	143822	N3731	W09612	1100	56.9	49	81	176	212	255	311	396	473	496	566	632
HOXIE	143837	N3921	W10027	2690	53.6	127	182	314	359	409	470	558	633	655	719	777
HUDSON	143847	N3806	W09839	1867	56.1	85	130	244	285	332	391	477	553	575	641	702
HUGOTON	143855	N3711	W10121	3100	55.8	54	85	169	200	236	281	348	407	425	478	527
INDEPENDENCE	143954	N3715	W09542	780	57.7	33	58	139	172	212	264	347	424	447	519	587
JETMORE	144081	N3805	W09954	2270	56.1	75	114	214	250	291	342	417	482	501	558	611
JOHN REDMOND DAM	144104	N3815	W09545	1090	55.5	84	136	280	334	397	477	599	708	741	838	930
JOHNSON 11 ESE	144109	N3732	W10134	3172	54.9	70	105	197	229	266	312	380	439	457	508	556
KANOPOLIS DAM	144178	N3836	W09757	1492	53.9	157	225	388	443	505	580	689	781	809	888	959
KINGMAN	144313	N3740	W09807	1570	57.2	66	102	198	232	272	322	396	461	481	538	591
KINSLEY	144333	N3756	W09924	2170	55.2	99	146	266	308	356	415	500	575	597	661	720
LAKIN	144464	N3757	W10117	3080	54.3	85	131	252	295	345	408	500	582	606	677	744
LARNED	144530	N3811	W09906	2004	56.3	84	126	232	269	311	364	440	507	526	584	637
LAWRENCE	144559	N3858	W09516	1000	56.0	100	150	278	324	375	440	534	616	641	712	778
LEAVENWORTH 3 S	144588	N3916	W09454	880	54.4	130	196	363	422	490	573	696	803	835	929	1015

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Kansas																		
LEOTI	144665	N3829	W10121	3300	52.8	127	181	309	352	401	460	544	616	637	699	754		
LIBERAL	144695	N3702	W10055	2838	57.8	41	65	132	157	186	223	278	327	342	386	426		
LINCOLN 1 ESE	144712	N3902	W09808	1400	55.4	106	163	310	363	424	500	612	711	740	827	907		
MANHATTAN	144972	N3912	W09635	1065	55.0	136	195	335	383	436	502	595	675	699	767	829		
MARYSVILLE	145063	N3950	W09639	1163	52.5	284	376	577	641	711	793	907	1002	1029	1108	1178		
MCPHERSON 2 S	145152	N3820	W09740	1495	55.9	98	146	269	312	361	422	511	588	611	678	740		
MEADE	145171	N3717	W10020	2505	57.1	45	73	150	179	213	255	320	378	395	447	495		
MEDICINE LODGE	145173	N3716	W09835	1450	57.7	41	70	153	186	225	274	351	421	443	506	566		
MINNEAPOLIS 2	145363	N3908	W09742	1315	55.7	111	166	303	351	406	473	572	657	683	757	825		
MOUND CITY	145528	N3808	W09449	865	56.5	62	100	207	247	294	354	445	526	551	624	692		
MOUND VALLEY 3 WSW	145536	N3711	W09527	800	58.3	30	54	129	160	196	245	321	393	415	481	544		
NESS CITY	145692	N3827	W09954	2260	55.1	92	138	256	297	344	402	488	562	585	649	709		
NEWTON 2 SW	145744	N3802	W09723	1447	56.4	85	130	244	286	333	391	478	553	576	642	703		
NORTON 8 SSE	145856	N3944	W09950	2364	52.8	172	240	397	449	506	575	674	757	782	852	916		
OAKLEY	145888	N3908	W10051	3050	53.7	108	159	283	326	374	434	521	595	617	682	741		
OBERLIN	145906	N3949	W10033	2620	53.1	168	231	373	419	471	532	619	691	712	773	829		
OLATHE 3 E	145972	N3853	W09446	1055	54.8	120	176	314	362	416	483	579	662	686	758	824		
OTTAWA	146128	N3838	W09516	915	55.9	84	131	256	301	354	420	518	605	631	708	779		
PARSONS	146242	N3720	W09516	908	58.4	32	58	139	172	212	266	350	428	452	525	595		
PHILLIPSBURG 1 SSE	146374	N3944	W09919	1882	54.0	156	223	381	434	494	566	670	759	785	861	929		
PLAINVILLE	146435	N3914	W09918	2145	54.0	143	204	349	398	452	519	614	695	719	788	851		
PRATT 2 E	146549	N3738	W09842	1805	56.8	60	96	195	233	276	331	414	488	511	577	639		
QUINTER	146637	N3904	W10014	2664	51.9	214	282	428	475	525	584	666	734	754	810	860		
RUSSELL FAA AP	147046	N3852	W09849	1864	54.0	164	229	379	430	485	552	648	728	752	820	881		
SAINT FRANCIS	147093	N3946	W10148	3340	53.1	103	153	278	322	372	433	523	600	623	690	752		
SALINA FAA AIRPORT	147160	N3848	W09739	1261	55.0	139	198	338	386	439	503	595	674	697	764	825		
SCOTT CITY	147271	N3829	W10054	2971	54.3	83	124	227	263	304	355	429	493	512	568	619		
SEDAN	147305	N3707	W09610	809	57.4	34	62	148	183	226	282	370	453	478	555	628		
SHARON SPRINGS	147397	N3854	W10145	3440	54.4	77	117	221	258	301	354	432	500	521	581	636		
SMITH CENTER	147542	N3947	W09847	1790	53.6	198	271	435	489	548	618	717	800	824	894	957		
SUBLETTE	147922	N3729	W10051	2916	55.9	58	91	179	211	247	294	362	423	441	495	545		
SYRACUSE 2 W	148038	N3759	W10147	3225	54.1	92	136	248	287	331	386	466	535	556	616	671		
TOPEKA WSO //	148167	N3904	W09538	877	54.1	142	209	376	434	500	581	699	801	831	919	1000		
TORONTO DAM	148191	N3745	W09556	961	56.0	73	116	234	278	329	394	491	577	603	680	752		

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Kansas																			
TRIBUNE 1 W	148235	N3828	W10146	3620	52.5	106	157	280	324	372	432	519	594	616	681	741			
TROY 3 SW	148250	N3946	W09508	1100	53.5	189	268	454	517	587	672	794	897	927	1015	1095			
WAKEENEY	148495	N3901	W09953	2456	53.0	143	206	360	412	471	543	647	736	762	838	908			
WAMEGO	148563	N3912	W09618	980	55.4	117	174	317	367	423	493	595	683	709	786	856			
WELLINGTON 2 S	148670	N3714	W09724	1230	57.6	40	72	169	208	255	318	415	506	534	618	698			
WINFIELD	148964	N3714	W09659	1135	58.2	36	62	144	176	215	266	345	418	440	508	572			
Kentucky																			
ASHLAND	150254	N3827	W08236	555	54.4	29	58	160	204	260	337	462	583	621	738	852			
BARBOURVILLE	150381	N3652	W08353	980	56.4	23	42	103	129	159	200	265	325	344	401	455			
BARDSTOWN	150397	N3748	W08528	637	56.3	34	59	137	168	206	255	332	403	425	491	553			
BAXTER	150450	N3651	W08320	1164	54.8	31	56	135	167	207	258	340	416	440	511	579			
BEAVER DAM	150490	N3725	W08652	441	57.0	28	51	122	152	187	234	309	378	399	463	525			
BEREA COLLEGE	150619	N3734	W08418	1070	56.8	29	52	120	147	180	222	289	351	370	427	481			
BOWLING GREEN FAA AP	150909	N3658	W08626	535	57.0	25	46	116	145	181	228	304	375	398	465	530			
CAMPBELLSVILLE 2 SSW	151256	N3719	W08522	780	56.8	20	39	105	133	168	216	294	368	391	462	531			
CARROLLTON LOCK 1	151345	N3841	W08511	480	55.4	38	68	159	196	240	298	390	474	500	579	653			
DANVILLE	152040	N3739	W08446	955	54.8	48	83	187	229	278	342	442	534	562	647	727			
FARMERS 1 WNW	152791	N3809	W08333	662	55.0	28	55	150	192	245	316	434	548	584	694	801			
FORDS FERRY DAM 50	152961	N3728	W08806	356	57.3	27	51	130	163	204	259	346	429	455	534	610			
FRANKFORT LOCK 4	153028	N3814	W08452	504	54.1	51	89	203	248	303	374	485	586	618	711	800			
GREENSBURG	153430	N3715	W08530	630	55.9	35	62	146	181	222	276	362	442	466	540	611			
HENDERSON 7 SSW	153762	N3745	W08738	430	56.9	32	58	139	173	213	266	349	427	451	523	593			
HICKMAN 1 E	153816	N3634	W08910	375	58.2	22	41	100	125	155	194	257	316	334	389	442			
HOPKINSVILLE	153994	N3651	W08730	540	56.9	26	49	125	158	198	252	339	422	447	526	601			
LEITCHFIELD 2 N	154703	N3731	W08618	620	56.2	17	36	116	154	203	272	390	509	547	666	785			
LEXINGTON WSO	154746	N3802	W08436	966	54.9	50	85	190	231	280	343	442	532	560	642	720			
LOVELACEVILLE	154967	N3658	W08850	370	57.6	23	43	108	136	169	214	286	353	374	438	500			
MADISONVILLE 1 SE	155067	N3719	W08729	439	57.4	24	45	114	144	180	229	308	382	405	475	544			
MAMMOTH CAVE PARK	155097	N3711	W08605	800	56.6	25	46	113	141	175	220	291	357	378	440	500			
MANCHESTER 4 SE	155111	N3706	W08343	850	56.1	25	44	102	125	153	189	245	296	312	359	404			
MAYFIELD RADIO WNGO	155233	N3647	W08838	380	58.0	19	36	94	119	150	191	258	322	342	403	462			
MAYSVILLE SEWAGE PLANT	155243	N3841	W08347	515	53.2	63	107	238	290	351	431	554	667	702	805	903			
MIDDLESBORO	155389	N3636	W08344	1175	55.7	15	31	92	120	155	204	286	367	392	471	550			
MOUNT STERLING	155640	N3804	W08356	910	55.7	33	58	136	167	205	255	333	405	427	494	558			

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Kentucky																		
MURRAY	155694	N3637	W08819	540	58.3	21	40	101	126	158	200	267	330	349	409	466		
OWENSBORO 2 W	156091	N3746	W08709	420	57.2	31	56	135	168	208	261	345	423	448	521	591		
PADUCAH SEWAGE PLANT	156117	N3706	W08836	325	57.9	27	48	113	139	172	214	280	342	361	418	472		
PRINCETON 1 SE	156580	N3707	W08752	500	57.5	25	46	113	141	175	220	293	360	381	445	506		
RUSSELLVILLE	157049	N3652	W08653	655	56.8	23	44	117	149	188	241	328	410	436	515	592		
SCOTTSVILLE 3 SSW	157215	N3644	W08613	850	57.9	18	35	91	115	145	185	249	310	329	387	444		
SHELBYVILLE	157324	N3813	W08516	841	54.2	59	101	230	281	342	421	545	659	694	799	898		
SOMERSET 2 N	157510	N3707	W08437	1050	55.7	27	48	116	143	177	221	290	355	375	435	493		
SUMMER SHADE	157800	N3653	W08543	864	56.4	21	40	105	134	168	215	291	364	387	456	523		
VANCEBURG	158259	N3835	W08320	520	54.4	42	74	172	212	259	321	418	508	535	618	697		
WEST LIBERTY	158551	N3755	W08315	790	53.4	51	89	205	251	306	378	491	595	627	722	813		
WILLIAMSBURG 1 E	158709	N3644	W08409	1100	56.6	16	32	91	117	150	196	271	344	367	438	508		
WILLIAMSTOWN 3 NW	158714	N3839	W08437	920	54.0	70	116	246	296	355	430	545	649	680	774	862		
Louisiana																		
ALEXANDRIA	160098	N3119	W09228	87	66.5	0	0	4	6	9	12	19	26	28	35	42		
AMITE	160205	N3043	W09030	180	66.7	*	0	3	5	7	10	16	22	24	30	37		
BASTROP	160537	N3247	W09154	140	65.7	1	3	11	14	18	23	32	41	43	52	60		
BELAH FIRE TOWER	160639	N3138	W09211	200	65.6	1	3	9	11	14	18	25	32	34	40	46		
BOGALUSA	160945	N3047	W08952	103	66.7	*	0	3	4	7	10	16	22	24	31	37		
BUNKIE	161287	N3057	W09210	80	66.3	*	0	3	5	7	10	16	22	24	30	36		
CALHOUN EXP STATION	161411	N3231	W09220	180	64.5	1	3	12	16	21	28	41	53	57	69	81		
CARVILLE 2 SW	161565	N3012	W09107	26	67.9	*	*	1	1	2	4	7	11	12	16	20		
COTTON VALLEY	162121	N3249	W09325	230	63.9	2	4	13	16	20	26	35	44	47	55	63		
COVINGTON 4 NNW	162151	N3032	W09007	40	67.1	*	*	1	1	3	4	8	12	13	18	23		
DONALDSONVILLE 3 E	162534	N3006	W09056	20	68.6	*	*	0	1	2	3	6	10	11	14	18		
ELIZABETH	162800	N3052	W09248	150	66.4	0	1	4	6	8	11	16	21	22	27	32		
FRANKLIN 3 NW	163313	N2949	W09133	12	68.1	*	*	0	1	2	3	5	8	9	11	14		
GRAND COTEAU	163800	N3026	W09202	55	67.7	*	0	1	2	3	5	9	13	14	18	22		
HACKBERRY 8 SSW	163979	N2953	W09325	6	68.0	*	*	1	2	3	6	9	14	15	20	25		
HAMMOND 3 NW	164034	N3032	W09029	45	66.9	*	0	1	3	4	6	10	15	17	22	27		
HOMER EXP STATION	164355	N3245	W09304	380	63.9	2	4	13	17	22	29	39	50	53	64	74		
HOUMA	164407	N2935	W09044	15	68.9	*	*	0	0	1	2	4	6	7	9	11		
JENNINGS	164700	N3015	W09240	30	68.1	*	0	1	2	4	6	9	13	15	19	24		
LAFAYETTE FAA AIRPORT	165026	N3012	W09159	38	68.0	*	*	1	2	3	4	7	11	12	15	19		

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Louisiana																			
LAKE ARTHUR 10 SW	165065	N3000	W09248	10	67.7	*	*	1	2	3	5	8	12	14	18	22			
LAKE PROVIDENCE	165090	N3249	W09112	105	64.8	2	4	14	18	23	30	41	51	55	65	75			
LEESVILLE	165266	N3109	W09316	240	65.8	0	0	4	5	8	11	17	23	25	31	37			
LOGANSPOUT 4 ENE	165527	N3159	W09357	210	65.0	0	2	7	9	12	15	21	27	29	35	41			
MELVILLE	166117	N3041	W09145	30	67.1	*	0	2	3	4	7	11	16	18	23	29			
MINDEN	166244	N3236	W09318	250	64.4	2	5	14	18	23	30	41	52	55	65	75			
MONROE FAA AIRPORT	166303	N3231	W09203	78	64.7	1	4	11	15	19	25	35	44	47	56	65			
MORGAN CITY	166394	N2941	W09111	5	68.8	*	*	1	1	2	3	6	9	10	13	16			
NATCHITOCHE	166582	N3146	W09305	130	66.7	0	0	4	6	8	11	16	21	23	29	34			
NEW IBERIA 5 NW	166657	N3003	W09153	25	67.9	*	0	1	2	4	6	9	13	15	19	23			
NEW ORLEANS MOISANT WSO	166660	N2959	W09015	4	68.2	*	*	0	1	2	3	6	9	10	14	18			
OLLA 3 SSW	166978	N3152	W09216	100	65.2	1	3	10	13	17	22	31	39	42	50	58			
PLAIN DEALING	167344	N3254	W09341	291	63.2	3	6	17	21	27	34	46	58	61	72	83			
RESERVE	167767	N3004	W09034	13	67.8	*	*	1	1	3	4	8	12	13	17	22			
RUSTON LA POLYTECH INS	168067	N3231	W09239	275	63.9	3	6	16	20	25	31	41	50	53	61	69			
SAINT JOSEPH EXP STA	168163	N3157	W09114	78	65.1	1	2	8	11	15	20	28	36	39	47	55			
TALLULAH 2 SW	168923	N3224	W09113	85	64.3	2	5	14	17	22	28	38	47	50	59	67			
VERMILION LOCK	169319	N2947	W09212	14	66.8	*	0	1	2	3	5	9	12	13	17	21			
WINNFIELD 2 W	169803	N3156	W09241	160	65.1	0	1	6	8	12	16	24	32	35	43	52			
Maine																			
AUGUSTA FAA AIRPORT	170275	N4419	W06948	350	45.0	750	859	1056	1111	1168	1231	1314	1379	1397	1447	1491			
BAR HARBOR	170371	N4423	W06812	30	45.7	434	527	707	759	815	878	963	1031	1050	1105	1152			
BELFAST	170480	N4424	W06900	20	45.6	535	639	834	891	950	1017	1107	1177	1197	1254	1303			
CARIBOU WSO //	171175	N4652	W06801	624	38.9	1646	1814	2099	2176	2254	2341	2451	2536	2560	2625	2681			
CORINNA	171628	N4457	W06913	360	42.7	1020	1169	1437	1512	1589	1675	1788	1875	1900	1969	2028			
EASTPORT	172426	N4455	W06700	79	43.5	526	618	790	840	891	949	1025	1085	1102	1149	1191			
FARMINGTON	172765	N4441	W07009	420	41.8	1096	1260	1556	1639	1725	1820	1946	2044	2071	2148	2214			
GARDINER	173046	N4413	W06947	140	44.5	709	838	1078	1147	1219	1300	1408	1493	1517	1584	1643			
HOULTON FAA AP	173892	N4608	W06747	494	40.0	1426	1593	1885	1964	2045	2135	2252	2341	2366	2436	2495			
HOULTON	173897	N4608	W06750	410	41.0	1313	1462	1719	1788	1860	1938	2040	2118	2140	2201	2253			
JONESBORO	174183	N4439	W06739	185	42.6	797	920	1142	1204	1269	1341	1435	1509	1530	1588	1638			
LEWISTON	174566	N4406	W07014	182	45.8	645	752	949	1005	1063	1129	1215	1282	1301	1354	1401			
MADISON	174927	N4448	W06953	260	42.9	983	1124	1375	1445	1517	1597	1702	1784	1807	1871	1926			
PORTLAND WSO //	176905	N4339	W07019	43	45.0	563	675	889	951	1016	1091	1190	1268	1290	1353	1407			

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Maine																			
PRESQUE ISLE	176937	N4639	W06800	599	40.0	1498	1655	1926	1999	2073	2155	2260	2341	2363	2426	2479			
RIPOGENUS DAM	177174	N4553	W06911	965	39.3	1604	1762	2031	2103	2176	2256	2359	2438	2460	2521	2573			
RUMFORD 1 SSE	177325	N4432	W07032	630	42.7	1029	1155	1375	1435	1497	1565	1654	1722	1741	1794	1840			
WATERVILLE PUMP STA	179151	N4433	W06939	89	45.2	754	862	1054	1108	1163	1225	1305	1368	1385	1434	1476			
Maryland&Distict of Columbia																			
BALTIMORE CITY WSO	180470	N3917	W07637	14	57.9	16	27	61	75	90	111	142	171	180	206	231			
BELTSVILLE	180700	N3902	W07653	120	53.6	53	86	174	207	246	294	368	434	453	512	567			
BENSON POLICE BARRACKS	180732	N3930	W07623	365	53.8	41	70	152	184	222	271	346	414	434	496	554			
CAMBRIDGE 4 W	181385	N3834	W07609	5	56.2	19	33	76	92	112	138	179	216	227	261	293			
CHESTERTOWN	181750	N3913	W07604	40	55.5	22	40	99	124	154	194	257	316	334	390	443			
COLLEGE PARK	181995	N3859	W07657	90	56.0	23	40	94	116	142	176	229	279	294	340	384			
CONOWINGO DAM	182060	N3939	W07610	40	53.2	50	83	180	217	261	318	404	483	507	578	645			
CRISFIELD SOMERS COVE	182215	N3759	W07552	8	58.1	6	13	39	51	66	87	123	158	170	204	238			
CUMBERLAND 2	182282	N3938	W07845	700	53.4	55	89	185	221	263	317	399	473	495	561	623			
DALECARLIA RESVR D C	182325	N3856	W07707	146	56.1	22	39	92	113	139	173	226	275	290	336	379			
DENTON 1 WNW	182523	N3854	W07551	40	55.9	24	41	93	114	138	170	220	265	279	320	360			
EASTON POLICE BARRACKS	182700	N3845	W07604	40	56.8	20	35	77	93	113	138	177	213	224	256	287			
GLENN DALE BELL STA	183675	N3858	W07648	150	54.9	28	49	111	135	165	203	262	316	332	382	429			
HAGERSTOWN	183975	N3939	W07744	660	53.5	51	87	193	234	284	347	446	535	563	645	722			
HANCOCK FRUIT LAB	184030	N3942	W07811	428	51.5	83	129	254	300	353	419	518	606	632	710	782			
LA PLATA 1 W	185080	N3832	W07700	140	55.8	25	42	89	107	128	154	195	232	243	276	308			
LAUREL 3 W	185111	N3906	W07654	400	55.9	24	43	104	129	160	199	263	322	340	395	448			
MILLINGTON	185985	N3916	W07551	30	54.4	36	62	140	170	206	253	326	393	413	474	532			
NATIONAL ARBORETUM D C	186350	N3854	W07658	50	56.8	17	32	78	96	119	149	197	242	256	297	337			
OAKLAND 1 SE	186620	N3924	W07924	2420	47.6	177	263	480	557	644	750	907	1043	1083	1201	1309			
OWINGS FERRY LANDING	186770	N3841	W07640	160	55.9	23	40	91	111	135	166	215	259	273	314	352			
POCOMOKE CITY	187140	N3804	W07533	20	56.5	15	27	62	76	93	115	149	181	190	220	247			
PRINCESS ANNE	187330	N3813	W07541	20	56.1	20	33	73	89	107	131	167	200	210	240	269			
ROCKVILLE 4 NE	187705	N3907	W07706	320	55.0	30	52	119	146	177	219	283	342	361	415	467			
ROYAL OAK	187806	N3843	W07611	10	56.9	16	29	70	86	106	133	174	213	225	261	295			
SALISBURY	188000	N3822	W07535	10	57.2	13	24	58	72	90	113	149	183	194	225	256			
SALISBURY FAA AIRPORT	188005	N3820	W07530	48	55.8	22	38	82	100	120	146	186	222	234	266	297			
SAVAGE RIVER DAM	188065	N3931	W07908	1495	48.7	167	246	442	511	588	683	822	942	978	1081	1176			
SNOW HILL 4 N	188380	N3814	W07523	28	56.2	17	30	69	85	103	128	165	200	211	243	273			

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Maryland&Distict of Columbia																				
SOLOMONS	188405	N3819	W07627	12	57.9	10	19	49	62	77	98	132	164	174	205	234				
UNIONVILLE	189030	N3927	W07711	430	52.1	72	117	242	290	345	416	523	619	649	735	816				
VIENNA	189140	N3829	W07550	12	57.0	17	29	66	80	97	120	154	186	195	224	251				
WESTMINSTER POLICE BRK	189440	N3933	W07658	765	52.8	63	101	207	247	293	352	441	520	544	615	681				
WOODSTOCK	189750	N3920	W07652	415	53.6	49	80	168	201	240	290	365	433	454	515	572				
Massachuesetts																				
AMHERST	190120	N4223	W07232	150	48.1	340	442	656	723	795	880	997	1092	1120	1198	1268				
BIRCH HILL DAM	190666	N4238	W07207	840	45.3	590	713	946	1015	1086	1168	1278	1365	1389	1459	1519				
BLUE HILL WSO //	190736	N4213	W07107	629	48.6	267	342	496	543	594	653	734	800	819	873	920				
CHESTNUT HILL	191447	N4220	W07109	124	50.3	139	200	348	398	455	524	623	708	733	806	873				
CLINTON	191561	N4224	W07141	398	48.1	335	423	599	653	710	777	867	941	962	1021	1074				
EAST WAREHAM	192451	N4146	W07040	20	48.9	152	214	360	409	464	530	624	704	728	796	857				
EDGARTOWN	192501	N4123	W07031	20	49.3	90	133	241	279	322	374	451	517	537	594	647				
FRAMINGHAM	192975	N4217	W07125	170	49.6	242	323	497	553	614	686	786	869	893	962	1024				
HAVERTHILL	193505	N4246	W07104	60	50.2	210	279	425	472	522	582	665	733	753	810	861				
HYANNIS 2 NNE	193821	N4141	W07016	35	49.7	79	120	224	261	303	355	432	499	519	578	631				
KNIGHTVILLE DAM	193985	N4217	W07252	630	45.5	578	698	927	994	1064	1144	1251	1336	1361	1429	1488				
LAWRENCE	194105	N4242	W07110	57	49.3	234	310	473	525	581	648	740	816	838	901	958				
MIDDLETON	194744	N4236	W07101	100	49.7	145	211	368	423	484	558	666	758	786	865	937				
NANTUCKET FAA AP	195159	N4115	W07004	40	49.4	58	85	151	174	199	231	276	315	327	360	391				
NEW BEDFORD	195246	N4138	W07056	70	52.3	45	72	148	177	210	252	316	372	390	440	488				
PLYMOUTH	196486	N4157	W07040	90	49.9	87	140	284	338	401	480	600	706	739	834	923				
ROCHESTER	196938	N4147	W07055	60	48.7	196	264	414	462	515	578	666	739	760	821	875				
ROCKPORT 1 ESE	196977	N4239	W07036	80	48.5	172	227	347	385	426	475	543	598	615	661	702				
SPRINGFIELD	198046	N4207	W07235	190	50.5	182	253	416	470	530	602	705	791	816	889	955				
STOCKBRIDGE	198181	N4218	W07320	820	45.7	520	632	847	910	976	1052	1154	1236	1259	1324	1381				
TAUNTON	198367	N4154	W07104	20	48.9	175	240	387	435	489	552	642	718	740	803	860				
TULLY LAKE	198573	N4238	W07213	685	45.2	660	783	1015	1082	1152	1231	1336	1419	1442	1508	1565				
WORCESTER WSO	199923	N4216	W07152	986	46.8	452	547	729	783	839	903	989	1058	1077	1132	1180				
Michigan																				
ADRIAN 2 NNE	200032	N4155	W08401	754	48.3	335	446	688	765	849	949	1087	1202	1235	1331	1416				
ALLEGAN SEWAGE PLANT	200128	N4232	W08551	629	48.4	286	397	654	739	833	946	1107	1242	1282	1396	1500				
ALMA	200146	N4323	W08440	740	47.4	482	607	861	938	1020	1115	1245	1350	1381	1466	1542				
ALPENA SEWAGE PLANT	200169	N4504	W08326	586	43.8	719	854	1106	1179	1255	1341	1456	1546	1572	1643	1706				

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Michigan																		
ANN ARBOR UNIV OF MICH	200230	N4217	W08344	871	49.5	291	391	608	679	755	846	973	1078	1108	1196	1275		
BAD AXE	200417	N4349	W08300	715	46.0	541	676	946	1028	1114	1214	1350	1460	1491	1580	1658		
BALDWIN	200446	N4354	W08550	825	45.2	644	787	1065	1148	1234	1334	1468	1574	1605	1690	1766		
BATTLE CREEK	200552	N4220	W08511	870	48.1	410	517	732	798	868	949	1060	1149	1175	1248	1312		
BEECHWOOD 7 WNW	200647	N4611	W08853	1660	40.1	1549	1718	2009	2087	2168	2256	2370	2458	2483	2550	2608		
BENTON HARBOR AIRPORT	200710	N4208	W08626	649	49.3	214	304	514	585	664	760	898	1014	1049	1148	1238		
BERGLAND DAM	200718	N4635	W08933	1300	39.0	1609	1823	2203	2308	2415	2535	2691	2812	2845	2939	3020		
BIG RAPIDS WATERWORKS	200779	N4342	W08529	930	45.0	656	796	1067	1146	1230	1326	1454	1556	1586	1667	1739		
CADILLAC	201176	N4416	W08524	1295	42.5	999	1153	1431	1509	1590	1680	1799	1891	1917	1990	2053		
CARO	201299	N4327	W08324	670	46.9	503	629	880	956	1036	1129	1256	1358	1387	1470	1542		
CHAMPION VAN RIPER PK	201439	N4631	W08759	1565	38.8	1692	1865	2158	2237	2318	2406	2520	2607	2631	2698	2756		
CHARLOTTE	201476	N4233	W08450	897	47.2	416	547	827	915	1010	1123	1279	1408	1445	1551	1646		
CHATHAM EXP FARM	201484	N4621	W08656	875	41.5	1082	1244	1536	1618	1702	1797	1921	2017	2044	2120	2185		
CHEBOYGAN RR LIGHT STA	201492	N4539	W08428	586	43.8	756	907	1195	1278	1366	1465	1598	1704	1734	1818	1891		
COLDWATER STATE SCHOOL	201675	N4157	W08500	984	47.9	344	460	712	793	882	986	1132	1253	1288	1389	1479		
DUNBAR FOREST EXP STA	202298	N4619	W08414	600	40.6	1274	1444	1744	1827	1912	2007	2131	2226	2253	2327	2391		
EAST JORDAN	202381	N4509	W08508	590	44.4	680	824	1098	1179	1264	1361	1490	1593	1623	1705	1777		
EAST TAWAS	202423	N4417	W08330	586	44.6	633	770	1037	1116	1199	1294	1421	1523	1552	1634	1705		
EAU CLAIRE 4 NE	202445	N4201	W08615	870	49.4	286	388	614	687	768	864	999	1111	1144	1238	1323		
EVART	202671	N4354	W08516	997	44.2	760	914	1208	1294	1384	1487	1624	1733	1763	1850	1926		
FAYETTE	202737	N4541	W08642	788	42.5	840	993	1277	1359	1444	1540	1668	1769	1797	1877	1946		
GAYLORD CON DEP	203096	N4502	W08441	1349	43.3	954	1101	1367	1441	1518	1605	1718	1806	1831	1901	1961		
GLADWIN	203170	N4359	W08430	770	45.0	717	855	1117	1193	1272	1362	1482	1577	1604	1679	1745		
GRAND HAVEN FIRE DEPT	203290	N4304	W08613	622	48.3	271	360	556	618	686	766	878	971	998	1075	1144		
GRAND MARAIS 1 SSE	203319	N4640	W08559	755	40.8	991	1151	1444	1527	1613	1710	1837	1936	1964	2042	2110		
GRAYLING	203391	N4440	W08442	1140	43.3	937	1098	1394	1478	1565	1664	1794	1897	1926	2006	2077		
GREENVILLE 2 NNE	203429	N4312	W08515	882	47.2	519	641	881	953	1029	1116	1235	1329	1356	1433	1500		
GROSSE POINTE FARMS	203477	N4223	W08254	613	49.9	222	306	497	560	629	712	830	929	957	1041	1116		
GULL LAKE BIOL. STA.	203504	N4224	W08524	890	48.6	369	480	712	785	863	955	1082	1185	1215	1301	1377		
HALE LOUD DAM	203529	N4428	W08343	800	43.6	846	1000	1287	1369	1455	1552	1680	1782	1810	1890	1960		
HARBOR BEACH 3NW	203585	N4352	W08241	620	45.7	514	637	882	955	1032	1122	1242	1340	1367	1446	1515		
HART	203632	N4342	W08622	675	46.8	426	542	779	852	930	1020	1144	1245	1274	1356	1429		
HASTINGS	203661	N4239	W08518	780	47.9	386	507	767	849	937	1042	1187	1306	1341	1439	1527		
HESPERIA 4 E	203769	N4334	W08558	895	45.7	547	686	966	1051	1141	1246	1388	1503	1536	1629	1711		

Footnotes:

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Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Michigan																	
HILLSDALE	203823	N4155	W08438	1100	47.6	394	508	745	818	897	989	1116	1220	1250	1335	1410	
HOLLAND WJBL	203858	N4242	W08606	678	48.5	278	376	596	668	746	839	970	1079	1111	1203	1285	
HOUGHTON FAA AP	203908	N4710	W08830	1081	39.5	1417	1583	1873	1952	2033	2122	2238	2327	2352	2420	2480	
HOUGHTON LAKE 3 NW	203932	N4420	W08449	1136	43.7	854	1009	1299	1382	1468	1566	1696	1798	1827	1908	1978	
IRON MOUNTAIN WTR WKS	204090	N4550	W08804	1155	41.7	1288	1452	1741	1820	1902	1992	2110	2200	2226	2296	2357	
IRONWOOD	204104	N4627	W09010	1520	40.4	1524	1718	2060	2154	2251	2358	2497	2604	2634	2718	2790	
ISHPEMING	204127	N4629	W08739	1436	41.0	1334	1491	1764	1838	1914	1998	2107	2191	2215	2280	2335	
JACKSON FAA AIRPORT	204150	N4216	W08428	998	47.8	436	557	806	883	966	1062	1194	1301	1332	1419	1497	
KALAMAZOO STATE HOSP	204244	N4217	W08536	945	49.7	280	378	596	666	743	835	964	1071	1102	1192	1272	
LAKE CITY EXP FARM	204502	N4418	W08512	1230	43.1	932	1092	1386	1470	1557	1655	1785	1886	1915	1995	2065	
LANSING WSO //	204641	N4246	W08436	841	47.2	478	602	854	930	1012	1107	1236	1340	1370	1454	1529	
LAPEER	204655	N4302	W08320	865	47.0	485	606	849	922	1000	1089	1211	1310	1338	1418	1488	
LUDINGTON 4 SE	204954	N4354	W08624	690	46.0	439	564	823	903	989	1090	1228	1341	1373	1465	1547	
LUPTON 1 S	204967	N4425	W08401	900	42.9	897	1060	1364	1451	1542	1645	1781	1888	1918	2003	2077	
MANISTEE	205065	N4414	W08618	585	46.6	428	537	757	823	894	976	1088	1178	1203	1276	1341	
MARQUETTE WSO	205178	N4633	W08723	665	42.4	913	1065	1344	1423	1505	1597	1719	1815	1842	1917	1982	
MIDLAND	205434	N4337	W08413	642	47.6	444	560	794	865	941	1029	1149	1246	1274	1353	1423	
MILFORD GM PROVING GRN	205452	N4233	W08341	1188	46.9	510	638	892	969	1051	1146	1274	1377	1407	1491	1564	
MIO HYDRO PLANT	205531	N4440	W08408	963	43.3	902	1052	1328	1406	1488	1579	1699	1794	1820	1894	1959	
MONROE SEWAGE PLANT	205558	N4154	W08322	582	49.9	222	315	533	606	688	787	930	1051	1086	1189	1283	
MONTAGUE	205567	N4325	W08622	600	46.6	361	469	695	766	843	932	1056	1157	1187	1270	1344	
MT PLEASANT UNIVERSITY	205662	N4335	W08446	796	46.8	521	651	911	990	1074	1170	1301	1407	1437	1522	1598	
MUSKEGON WSO //	205712	N4310	W08614	627	47.1	384	495	725	796	873	963	1086	1187	1216	1299	1372	
NEWBERRY STATE HOSP	205816	N4620	W08530	886	40.7	1207	1355	1613	1684	1756	1837	1941	2021	2043	2106	2159	
ONAWAY STATE PARK	206184	N4526	W08414	690	44.0	868	1009	1265	1338	1413	1498	1609	1696	1721	1789	1848	
OWOSSO WASTEWATER PL	206300	N4301	W08411	738	47.3	465	587	835	911	992	1085	1213	1316	1346	1430	1505	
PELLSTON FAA AIRPORT	206438	N4534	W08448	710	41.4	1133	1299	1596	1680	1765	1861	1986	2083	2111	2187	2253	
PONTIAC STATE HOSPITAL	206658	N4239	W08318	974	48.4	402	512	736	805	878	964	1081	1176	1204	1281	1350	
PORT HURON WASTEWTR PL	206680	N4259	W08225	586	48.5	344	441	641	703	769	847	953	1040	1065	1135	1198	
SAINT CHARLES	207253	N4318	W08408	596	48.2	436	547	770	838	910	994	1107	1199	1225	1299	1365	
SAINT JOHNS	207280	N4301	W08433	755	47.9	469	579	797	862	931	1010	1116	1202	1227	1296	1356	
SANDUSKY	207350	N4325	W08250	774	46.7	510	629	865	936	1011	1096	1213	1306	1332	1407	1473	
SAULT STE MARIE WSO //	207366	N4628	W08422	721	39.7	1404	1569	1856	1934	2014	2103	2217	2305	2330	2398	2457	
SENEY NATL WLR	207515	N4617	W08557	710	41.9	1115	1270	1547	1624	1703	1791	1906	1996	2021	2091	2151	

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Michigan																				
SOUTH HAVEN EXP FARM	207690	N4224	W08617	626	48.6	207	295	504	575	654	749	887	1004	1038	1138	1229				
STAMBAUGH 1 S	207812	N4604	W08838	1485	40.2	1436	1628	1966	2060	2156	2263	2402	2510	2540	2624	2696				
STANDISH 2 S	207820	N4357	W08358	616	44.9	650	794	1075	1158	1246	1346	1481	1589	1619	1706	1782				
STEPHENSON 5 W	207867	N4524	W08743	715	42.5	1092	1260	1563	1649	1737	1835	1965	2066	2095	2174	2242				
THREE RIVERS	208184	N4156	W08538	810	48.9	288	395	637	717	804	909	1057	1181	1217	1321	1415				
TRAVERSE CITY FAA AP	208251	N4444	W08535	618	44.5	711	857	1139	1221	1307	1406	1537	1642	1672	1755	1828				
VANDERBILT TROUT STA	208417	N4510	W08427	925	41.3	1154	1318	1613	1695	1779	1874	1997	2092	2119	2194	2259				
WATERSMEET	208680	N4616	W08911	1630	39.9	1517	1710	2050	2144	2240	2346	2485	2591	2621	2705	2776				
WEST BRANCH 2 N	208800	N4418	W08414	1064	43.8	848	993	1261	1337	1416	1505	1623	1716	1742	1815	1878				
WILLIS 5 SSW	209014	N4205	W08335	660	47.4	372	493	756	840	931	1039	1189	1313	1349	1451	1543				
YPSILANTI EAST MICH U	209218	N4215	W08337	779	49.1	321	421	633	699	772	857	974	1071	1099	1179	1250				
Minnesota																				
ADA	210018	N4718	W09631	906	41.1	1737	2004	2487	2622	2762	2919	3126	3286	3331	3458	3567				
ALBERT LEA	210075	N4339	W09321	1220	44.8	926	1162	1637	1780	1934	2111	2352	2546	2602	2760	2899				
ALEXANDRIA FAA AIRPORT//	210112	N4552	W09523	1421	40.9	1774	2000	2398	2507	2619	2744	2906	3031	3066	3163	3247				
ARGYLE 4 E	210252	N4820	W09644	870	37.5	2275	2578	3115	3263	3415	3584	3805	3975	4023	4156	4271				
ARTICHOKE LAKE	210287	N4522	W09608	1075	43.2	1362	1602	2047	2174	2307	2456	2654	2809	2853	2976	3083				
AUSTIN 3 S	210355	N4337	W09300	1215	44.5	1122	1320	1687	1792	1901	2024	2187	2315	2351	2453	2541				
BABBITT 2 SE	210390	N4741	W09155	1615	38.6	2010	2208	2544	2634	2726	2827	2956	3055	3082	3159	3224				
BAUDETTE	210515	N4843	W09437	1075	37.8	2266	2505	2914	3024	3136	3260	3420	3542	3576	3670	3751				
BEMIDJI AIRPORT	210643	N4730	W09456	1392	37.7	2280	2511	2907	3014	3122	3241	3394	3511	3544	3634	3712				
BIG FALLS	210746	N4812	W09348	1220	38.3	2118	2333	2701	2800	2900	3011	3153	3262	3293	3377	3448				
CAMBRIDGE ST HOSPITAL	211227	N4534	W09314	1000	41.9	1549	1751	2107	2205	2306	2418	2564	2676	2708	2795	2871				
CAMPBELL	211245	N4606	W09625	975	40.7	1740	2000	2470	2602	2737	2889	3088	3243	3287	3408	3513				
CANBY	211263	N4443	W09617	1243	45.2	1077	1281	1667	1778	1894	2026	2202	2340	2380	2490	2586				
CLOQUET FOR RES CENTER	211630	N4642	W09231	1265	39.2	1800	1996	2334	2425	2518	2621	2754	2856	2884	2963	3030				
COLLEGEVILLE ST JOHN U	211691	N4535	W09424	1225	42.8	1475	1681	2047	2149	2254	2371	2523	2641	2674	2767	2846				
CROOKSTON NW EXP STA	211891	N4748	W09637	883	40.0	1947	2219	2702	2837	2975	3129	3330	3486	3530	3651	3756				
DETROIT LAKES 1 NNE	212142	N4650	W09551	1375	38.7	1999	2260	2719	2846	2976	3120	3308	3453	3494	3607	3705				
DULUTH WSO //	212248	N4650	W09211	1428	38.2	1919	2115	2448	2538	2629	2729	2858	2957	2984	3060	3126				
FAIRMONT	212698	N4338	W09428	1187	45.2	1038	1246	1640	1755	1875	2012	2194	2339	2380	2495	2596				
FARIBAULT	212721	N4418	W09316	940	44.7	1111	1313	1689	1797	1909	2037	2206	2338	2376	2481	2573				
FARMINGTON 3 NW	212737	N4440	W09311	980	44.2	1219	1428	1812	1922	2036	2164	2334	2467	2504	2609	2700				
FERGUS FALLS	212768	N4617	W09604	1210	41.7	1562	1822	2299	2435	2575	2733	2942	3105	3151	3279	3391				

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Minnesota																				
FOSSTON	212916	N4735	W09545	1299	40.0	1911	2155	2584	2702	2823	2957	3131	3266	3304	3409	3499				
GRAND MARAIS	213282	N4745	W09020	688	38.7	1365	1547	1869	1958	2050	2151	2284	2386	2415	2495	2563				
GRAND MEADOW	213290	N4342	W09234	1348	43.1	1262	1467	1840	1946	2055	2178	2339	2466	2501	2601	2687				
GRAND RAPIDS NC SCHOOL	213303	N4714	W09330	1310	39.5	1881	2087	2440	2536	2633	2740	2879	2986	3015	3098	3168				
GULL LAKE DAM	213411	N4625	W09421	1215	41.3	1638	1852	2229	2332	2439	2557	2711	2830	2864	2956	3036				
HALLOCK	213455	N4846	W09657	813	37.7	2348	2647	3174	3319	3467	3632	3846	4011	4058	4186	4297				
HINCKLEY	213793	N4601	W09256	1035	40.8	1639	1848	2216	2317	2421	2536	2685	2801	2833	2923	3000				
INTNL FALLS WSO //	214026	N4834	W09323	1179	36.4	2436	2684	3106	3220	3336	3463	3627	3752	3787	3884	3966				
ITASCA STATE PARK SCH	214106	N4713	W09512	1490	38.9	1976	2199	2586	2691	2798	2917	3070	3188	3221	3312	3390				
JORDAN 1 S	214176	N4439	W09337	755	43.9	1198	1398	1764	1868	1976	2097	2257	2382	2417	2516	2602				
LEECH LAKE DAM	214652	N4715	W09413	1302	40.0	1787	2006	2388	2493	2600	2719	2873	2991	3025	3117	3196				
LITCHFIELD	214778	N4507	W09432	1132	44.1	1319	1522	1888	1992	2098	2217	2374	2496	2530	2626	2709				
LITTLE FALLS 1 N	214793	N4559	W09421	1120	41.9	1643	1844	2196	2292	2391	2500	2641	2751	2781	2866	2939				
LONG PRAIRIE	214861	N4559	W09451	1290	41.3	1691	1907	2286	2391	2497	2616	2770	2890	2923	3016	3095				
MADISON SEWAGE PLANT	214994	N4500	W09610	1080	44.7	1175	1382	1766	1876	1990	2119	2290	2424	2462	2568	2660				
MAPLE PLAIN	215136	N4501	W09339	1030	43.6	1255	1470	1866	1979	2096	2228	2403	2539	2578	2686	2780				
MARSHALL	215204	N4427	W09547	1165	44.4	1161	1379	1787	1904	2027	2166	2351	2497	2538	2654	2755				
MEADOWLANDS	215298	N4704	W09244	1280	38.8	1902	2117	2489	2590	2693	2807	2955	3068	3100	3187	3262				
MILACA	215392	N4545	W09339	1080	41.8	1472	1682	2057	2162	2269	2390	2547	2669	2703	2799	2881				
MILAN	215400	N4507	W09556	1005	43.1	1396	1616	2017	2130	2246	2377	2549	2684	2722	2827	2919				
MONTEVIDEO 1 SW	215563	N4456	W09545	985	43.8	1313	1525	1914	2024	2137	2265	2433	2565	2602	2705	2795				
MOOSE LAKE 1 SSE	215598	N4627	W09245	1110	39.8	1722	1933	2301	2402	2505	2619	2768	2882	2914	3003	3079				
MORA	215615	N4553	W09318	990	42.1	1535	1736	2088	2186	2286	2396	2541	2652	2684	2771	2845				
MORRIS W C SCHOOL //	215638	N4535	W09555	1130	41.5	1594	1846	2303	2432	2565	2715	2911	3065	3108	3228	3333				
NEW ULM 2 SE	215887	N4417	W09425	826	45.7	1038	1232	1597	1702	1812	1936	2101	2231	2268	2372	2462				
PARK RAPIDS	216360	N4655	W09504	1434	39.5	1923	2159	2570	2683	2798	2926	3092	3220	3255	3355	3440				
PINE RIVER DAM	216547	N4640	W09407	1251	40.6	1757	1956	2299	2393	2488	2594	2730	2834	2864	2945	3014				
PIPESTONE	216565	N4401	W09619	1705	43.0	1355	1569	1958	2068	2181	2308	2475	2605	2642	2745	2833				
POKEGAMA DAM	216612	N4715	W09335	1280	39.7	1884	2089	2443	2539	2636	2744	2883	2989	3019	3101	3172				
RED LAKE FALLS	216787	N4753	W09617	1035	39.3	2032	2303	2782	2915	3050	3202	3399	3551	3594	3712	3815				
RED LAKE INDIAN AGENCY	216795	N4752	W09502	1216	37.7	2292	2533	2946	3058	3172	3297	3458	3581	3616	3711	3793				
ROSEAU 1 E	217087	N4851	W09545	1047	36.9	2378	2657	3143	3276	3411	3561	3755	3904	3946	4062	4161				
ROSEMOUNT AGRI EXP STA//	217107	N4443	W09306	950	43.8	1282	1479	1835	1935	2039	2155	2307	2426	2459	2552	2633				
ST PETER 2 SW	217405	N4418	W09358	825	44.8	1127	1338	1734	1848	1967	2102	2281	2423	2463	2575	2673				

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Minnesota																			
SANDY LAKE DAM LIBBY	217460	N4648	W09319	1234	40.3	1738	1942	2297	2394	2493	2603	2744	2854	2884	2969	3041			
SPRINGFIELD 1 NW	217907	N4415	W09459	1066	44.7	1073	1294	1719	1843	1973	2122	2320	2478	2523	2649	2759			
TRACY	218323	N4414	W09537	1403	44.5	1141	1361	1778	1898	2024	2167	2358	2509	2551	2671	2776			
TWO HARBORS	218419	N4701	W09140	625	40.0	1278	1456	1773	1862	1952	2053	2185	2288	2316	2396	2465			
VIRGINIA	218543	N4730	W09233	1435	38.6	1924	2159	2571	2684	2799	2927	3093	3220	3256	3355	3441			
WADENA 3 S	218579	N4624	W09509	1350	40.3	1703	1965	2439	2572	2709	2863	3066	3223	3268	3391	3498			
WARROAD	218679	N4855	W09519	1069	37.5	2286	2545	2992	3114	3238	3375	3552	3688	3726	3831	3922			
WASECA EXP. STATION	218692	N4404	W09331	1153	43.6	1231	1458	1882	2005	2132	2276	2467	2618	2661	2780	2885			
WHEATON	218907	N4548	W09629	1018	44.2	1263	1485	1898	2016	2138	2277	2460	2604	2645	2759	2858			
WILLMAR STATE HOSPITAL	219004	N4508	W09501	1133	43.6	1334	1556	1964	2080	2200	2335	2513	2652	2691	2801	2897			
WINDOM	219033	N4352	W09507	1370	45.4	1040	1241	1621	1731	1846	1976	2150	2287	2326	2435	2531			
WINNEBAGO	219046	N4346	W09410	1110	43.8	1198	1415	1821	1937	2058	2196	2378	2521	2561	2675	2774			
WINNIBIGOSHISH DAM	219059	N4726	W09403	1315	39.6	1933	2152	2531	2633	2738	2854	3004	3119	3151	3240	3317			
WINONA	219067	N4403	W09138	652	45.2	984	1184	1566	1677	1794	1927	2104	2245	2285	2397	2496			
ZUMBROTA	219249	N4418	W09240	985	44.5	1074	1285	1684	1801	1922	2060	2244	2389	2431	2547	2648			
Mississippi																			
ABERDEEN	220021	N3350	W08833	207	63.0	3	7	18	22	27	35	46	56	59	69	78			
BATESVILLE 2 SW	220488	N3418	W08959	215	61.2	6	12	34	43	54	69	94	117	125	147	169			
BAY SAINT LOUIS	220519	N3018	W08920	20	67.1	*	*	1	2	3	5	9	14	15	20	25			
BAY SPRINGS	220523	N3158	W08916	445	64.7	1	3	9	12	15	20	27	35	37	45	52			
BELZONI	220660	N3312	W09029	110	63.6	2	5	15	20	26	35	49	63	68	81	95			
BILOXI CITY	220792	N3024	W08854	15	68.1	*	*	0	1	1	2	5	7	8	11	14			
BOONEVILLE	220955	N3439	W08835	510	60.3	14	24	52	63	76	93	119	142	149	170	190			
BROOKHAVEN	221094	N3135	W09028	495	65.4	0	1	5	8	11	15	23	31	34	42	51			
CANTON	221389	N3236	W09002	228	63.8	2	5	16	21	26	34	47	59	63	75	86			
CHARLESTON	221606	N3401	W09003	214	62.0	9	15	34	41	49	60	76	91	96	109	122			
CLARKSDALE	221707	N3412	W09034	178	63.0	5	11	32	41	52	68	94	119	127	151	174			
CLEVELAND	221738	N3344	W09044	140	62.8	5	10	25	32	40	51	69	85	90	106	121			
COLLINS	221852	N3138	W08934	290	64.9	0	0	4	6	9	13	20	27	30	37	45			
COLUMBIA	221865	N3117	W08950	160	66.4	*	0	2	4	6	9	14	20	22	28	34			
COLUMBUS	221870	N3329	W08825	184	62.6	5	10	23	29	35	43	56	67	71	81	91			
CORINTH 5 WSW	221962	N3455	W08836	420	61.3	7	14	35	44	54	68	91	112	118	138	156			
EUPORA 1 E	222896	N3332	W08915	430	62.5	3	7	19	25	32	41	56	70	75	88	102			
FOREST 3 S	223107	N3219	W08929	480	63.3	2	4	13	17	22	28	39	49	52	62	71			

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Mississippi																			
GREENVILLE	223605	N3323	W09101	132	63.9	5	9	21	26	32	40	52	64	67	78	88			
GREENWOOD FAA AP	223627	N3330	W09012	128	63.6	2	6	17	22	28	36	49	62	66	78	90			
GULFPORT NAVAL CENTER	223671	N3023	W08908	35	67.9	*	*	0	1	1	2	4	7	8	10	13			
HATTIESBURG	223887	N3118	W08917	220	65.8	0	0	4	6	9	13	20	27	29	37	44			
HERNANDO	223975	N3450	W09000	386	61.5	11	19	43	52	63	78	100	120	126	145	162			
HOLLY SPRINGS 4 N	224173	N3449	W08926	480	59.8	11	21	54	68	86	109	146	181	192	225	258			
HOUSTON 2 NE	224265	N3355	W08858	300	60.5	8	14	34	42	52	65	85	103	109	126	143			
KIPLING	224702	N3241	W08838	316	62.9	1	3	11	14	18	24	34	43	46	55	64			
KOSCIUSKO	224776	N3304	W08936	455	62.3	4	8	21	27	33	42	56	68	72	84	96			
LAUREL	224939	N3141	W08907	225	64.9	0	2	7	10	13	18	27	35	38	47	55			
LIBERTY 1 W	225070	N3110	W09049	396	64.8	1	2	8	11	14	19	26	33	36	43	49			
MERIDIAN WSO	225776	N3220	W08845	290	64.0	1	3	10	13	17	23	32	41	44	53	62			
MONTICELLO	225987	N3133	W09006	220	64.5	1	2	9	11	15	20	29	38	40	49	57			
MOORHEAD	226009	N3327	W09031	117	63.8	3	7	19	24	30	39	52	64	68	79	91			
NATCHEZ	226177	N3133	W09123	195	66.4	0	1	5	7	10	14	21	29	31	39	47			
NEWTON EXP STATION	226308	N3220	W08905	346	63.6	1	3	10	13	17	22	32	41	44	53	63			
PHILADELPHIA 1 WSW	226894	N3246	W08908	413	62.7	5	9	20	25	30	37	48	58	61	70	79			
PICAYUNE	226921	N3031	W08941	50	67.4	*	*	1	2	3	4	8	12	13	17	22			
PICKENS	226926	N3253	W08959	222	63.4	1	4	12	15	20	26	37	47	50	60	70			
POPLARVILLE EXP STA	227128	N3051	W08933	313	67.3	*	0	1	3	4	7	11	16	18	24	30			
PORT GIBSON	227132	N3157	W09059	180	63.6	1	3	11	14	19	25	36	47	51	62	72			
ROSEDALE	227582	N3351	W09101	150	62.3	7	13	33	41	51	64	84	102	108	126	142			
RUSSELL 2 WNW	227701	N3225	W08837	460	64.2	1	3	11	15	19	26	37	48	51	62	72			
STATE UNIVERSITY	228374	N3328	W08848	280	63.1	5	10	23	29	35	44	57	70	74	85	96			
STONEVILLE EXP STA	228445	N3325	W09055	127	63.2	4	9	24	30	38	49	67	83	88	104	119			
TUPELO 2 WNW	229003	N3416	W08844	250	61.8	7	12	28	34	42	52	67	80	85	97	109			
TYLERTOWN 2 WNW	229048	N3107	W09011	440	65.9	*	0	3	4	6	9	15	22	24	31	38			
UNIVERSITY	229079	N3423	W08932	380	60.5	9	18	46	58	72	91	122	151	160	187	214			
VICKSBURG MILITARY PK	229216	N3221	W09051	260	65.2	1	3	10	13	17	23	33	42	45	54	63			
WATER VALLEY 1 NNE	229400	N3410	W08938	380	61.4	7	13	33	41	51	64	86	105	112	130	148			
WIGGINS 4 SE	229639	N3048	W08906	200	66.3	*	0	3	4	6	10	16	22	24	31	38			
WOODVILLE 4 ESE	229793	N3106	W09114	400	65.9	0	1	5	7	9	13	19	26	28	35	42			
YAZOO CITY 5 NNE	229860	N3254	W09023	107	64.4	2	4	13	16	21	28	38	49	52	62	72			

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Missouri																			
ANDERSON	230164	N3639	W09426	1050	56.5	28	50	118	146	179	222	290	353	373	431	487			
APPLETON CITY	230204	N3812	W09402	800	56.4	64	102	206	245	289	346	432	508	531	599	662			
ARCADIA	230224	N3735	W09037	926	56.0	35	62	142	174	213	263	342	414	436	503	566			
BETHANY	230608	N4016	W09402	900	52.4	237	331	549	621	701	798	936	1052	1086	1185	1274			
BOLIVAR 1NE	230789	N3736	W09325	1080	56.2	40	71	171	211	260	325	427	522	552	640	725			
BOONVILLE WATERWORKS	230817	N3858	W09245	760	54.0	145	211	369	423	484	559	667	759	786	866	938			
BROOKFIELD	230980	N3948	W09305	790	54.3	129	197	372	435	508	598	731	847	882	985	1079			
BRUNSWICK	231037	N3925	W09308	652	54.5	102	164	339	405	482	581	729	863	903	1022	1134			
CAMDENTON	231212	N3800	W09245	1040	57.2	44	75	163	197	238	290	370	442	465	531	593			
CANTON LOCK AND DAM 20//	231275	N4009	W09131	488	53.0	187	267	455	519	591	677	801	907	938	1029	1111			
CARROLLTON	231340	N3922	W09330	750	54.0	137	204	372	432	499	582	703	808	840	931	1015			
CARTHAGE	231356	N3709	W09419	1040	57.5	30	55	132	163	201	252	332	406	429	498	565			
CARUTHERSVILLE	231364	N3611	W08939	270	59.5	12	26	78	102	133	176	249	321	344	415	486			
CHARLESTON	231540	N3656	W08921	325	58.3	20	39	107	137	173	224	306	385	409	485	559			
CHILLICOTHE RADIO KCHI	231585	N3948	W09333	785	53.8	157	232	422	489	564	657	793	910	945	1047	1141			
CLEARWATER DAM	231674	N3707	W09047	648	56.6	31	56	137	171	211	265	350	429	454	528	599			
CLINTON 3 NW	231711	N3823	W09349	770	54.3	114	171	315	366	424	496	601	692	720	799	873			
CONCEPTION	231822	N4015	W09441	1108	51.9	270	379	632	717	811	924	1086	1223	1264	1380	1485			
DONIPHAN	232289	N3637	W09050	344	57.3	23	43	113	142	179	228	307	382	406	477	547			
EDGERTON	232474	N3930	W09437	840	53.5	163	235	409	469	536	618	736	838	868	954	1034			
ELDON	232503	N3821	W09235	930	56.5	61	98	200	238	282	338	422	497	520	587	649			
ELSBERRY 1 S	232591	N3909	W09047	449	53.6	120	187	365	430	506	600	742	866	904	1014	1116			
FARMINGTON	232809	N3747	W09023	930	54.9	53	90	202	246	298	366	470	566	596	683	766			
FOUNTAIN GROVE WL	232995	N3942	W09318	670	53.6	152	226	412	478	552	644	778	894	929	1030	1123			
FULTON 4 SW	233079	N3848	W09200	860	53.5	139	206	370	427	492	571	688	788	818	904	984			
GRANT CITY	233369	N4029	W09425	1134	51.9	299	403	631	705	785	880	1014	1126	1158	1251	1334			
GREENVILLE 4 NNW	233451	N3711	W09028	410	56.0	26	50	132	167	211	270	365	455	484	570	654			
HAMILTON 2 W	233568	N3945	W09402	900	52.4	208	302	528	606	693	800	954	1086	1125	1239	1343			
HANNIBAL WATERWORKS	233601	N3943	W09122	712	52.6	193	279	487	558	638	735	875	996	1031	1134	1228			
HARRISONVILLE	233649	N3839	W09420	904	55.5	86	138	282	336	399	479	600	708	741	837	927			
JACKSON	234226	N3723	W08940	435	57.4	30	54	130	162	200	251	330	405	428	498	564			
JEFFERSON CITY L U	234271	N3834	W09211	640	55.1	61	104	234	286	347	427	551	665	700	804	903			
JOPLIN FAA AIRPORT	234315	N3710	W09430	982	57.5	34	60	142	175	215	268	351	427	451	522	589			
KIRKSVILLE RADIO KIRX	234544	N4013	W09235	970	51.7	272	371	591	663	741	835	967	1078	1110	1202	1286			

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Missouri																
LAKESIDE	234694	N3812	W09237	592	55.0	61	101	215	259	310	376	476	566	594	676	752
LAMAR	234705	N3730	W09417	960	55.7	67	107	213	253	299	357	445	522	546	614	679
LEBANON	234825	N3742	W09241	1200	56.3	38	67	157	193	236	293	382	464	490	566	638
LEXINGTON	234904	N3911	W09353	836	54.3	166	239	415	475	543	625	743	845	875	961	1040
LICKING 4 N	234919	N3733	W09154	1277	54.4	80	125	246	290	341	405	501	586	611	686	756
LOCKWOOD	235027	N3723	W09357	1078	57.4	36	63	144	177	215	266	345	417	439	506	569
LOUISIANA STARKS NUR	235093	N3926	W09104	469	54.0	113	173	330	387	452	533	653	758	789	881	967
MACON	235175	N3945	W09228	870	52.1	267	356	548	610	676	756	866	958	984	1060	1128
MARBLE HILL	235253	N3718	W08958	390	56.3	29	53	132	165	206	260	346	428	453	530	604
MARSHFIELD	235307	N3720	W09254	1490	56.1	47	79	176	214	259	317	407	489	514	588	659
MARYVILLE 2 E	235340	N4021	W09450	985	50.3	367	494	773	863	961	1078	1242	1378	1418	1532	1634
MEXICO	235541	N3911	W09154	775	52.9	186	268	466	533	609	701	834	948	981	1079	1167
MOBERLY RADIO KWIX	235671	N3924	W09226	850	53.8	146	215	382	441	507	587	704	805	835	922	1002
MOUNTAIN GROVE 2 N	235834	N3709	W09216	1463	56.4	38	66	148	181	220	270	349	421	443	509	571
MOUNT VERNON MU FARM	235862	N3704	W09353	1220	56.1	33	62	155	194	242	306	408	505	535	626	714
NEOSHO	235976	N3652	W09422	1011	57.9	27	48	110	135	165	205	266	323	341	393	443
NEVADA SEWAGE PLANT	235987	N3751	W09422	780	57.1	50	84	182	220	266	324	413	495	520	593	663
NEW FLORENCE	236007	N3855	W09127	880	54.8	102	158	304	357	418	495	608	708	738	826	907
OREGON	236357	N3959	W09508	1090	52.4	230	326	552	629	714	817	964	1089	1126	1233	1330
POPLAR BLUFF R S	236791	N3646	W09025	380	58.0	21	40	103	129	162	205	275	341	362	424	485
SAINT CHARLES	237397	N3847	W09030	470	55.2	74	123	267	322	388	472	602	720	756	862	963
ST. JOSEPH WBAP	237435	N3946	W09455	811	53.6	177	256	448	514	588	678	809	921	954	1050	1138
SALEM	237506	N3738	W09132	1200	55.1	74	112	209	243	283	331	403	466	485	539	590
SALISBURY	237514	N3926	W09248	723	54.3	124	187	347	404	469	549	667	769	800	889	971
SAVERTON L AND D 22 //	237578	N3938	W09115	472	54.5	124	187	346	402	467	547	664	766	796	885	967
SEDALIA	237632	N3840	W09313	780	55.3	65	113	261	321	392	486	633	768	810	935	1054
SELIGMAN	237645	N3631	W09356	1542	56.6	29	54	130	162	200	251	332	407	431	501	569
SHELBINA	237720	N3941	W09203	775	53.4	159	233	415	478	549	637	764	873	906	1000	1087
SIKESTON PWR PLT	237772	N3653	W08936	325	57.7	24	46	116	146	183	232	311	385	409	479	547
STEFFENVILLE 1 E	238051	N3958	W09153	650	52.5	172	260	484	564	655	768	934	1079	1122	1249	1365
SWEET SPRINGS	238223	N3858	W09325	680	54.8	102	157	301	354	413	488	599	696	726	811	891
TRENTON	238444	N4005	W09337	820	52.8	186	275	494	571	657	764	919	1052	1092	1208	1314
UNION	238515	N3827	W09100	540	55.3	59	99	214	258	310	377	481	574	602	687	767
UNIONVILLE	238523	N4029	W09300	1062	51.3	313	421	659	736	820	919	1059	1175	1209	1306	1393

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)													
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Missouri																			
VICHY FAA AIRPORT	238614	N3808	W09146	1125	55.3	73	115	229	271	320	381	473	555	579	652	719			
WAPPAPELLO DAM	238700	N3656	W09017	330	57.3	30	54	130	161	199	249	329	403	426	495	562			
WARRENSBURG	238712	N3846	W09344	840	55.8	60	106	248	305	374	465	607	739	779	901	1017			
WARSAW NO 1	238733	N3815	W09322	705	56.3	52	87	189	228	274	334	425	507	533	608	678			
WASOLA	238754	N3648	W09234	1294	57.0	26	49	128	161	203	258	348	433	460	541	619			
WAYNESVILLE 2 W	238777	N3749	W09214	885	55.9	42	70	155	188	227	277	355	426	447	511	572			
WEST PLAINS	238880	N3644	W09151	1006	55.9	35	60	135	165	201	247	319	385	405	466	523			
WILLOW SPRINGS	238995	N3659	W09158	1220	55.4	42	71	155	188	227	277	354	424	445	509	569			
WINDSOR	239032	N3832	W09331	900	54.8	97	151	294	346	407	482	595	695	725	813	895			
Montana																			
AUGUSTA	240364	N4729	W11223	4070	44.0	310	454	808	931	1070	1240	1487	1700	1763	1946	2115			
AUSTIN 1 W	240375	N4639	W11216	5000	41.7	533	694	1034	1141	1256	1391	1578	1731	1775	1901	2013			
BALLANTINE	240432	N4557	W10808	3000	46.6	366	521	888	1013	1152	1321	1563	1769	1830	2006	2166			
BARBER	240466	N4619	W10922	3730	44.2	365	510	845	957	1080	1229	1442	1620	1673	1824	1962			
BELGRADE AP	240622	N4547	W11109	4451	41.7	687	900	1354	1496	1651	1833	2084	2291	2351	2522	2674			
BIGFORK 13 S	240755	N4753	W11402	3010	45.5	117	190	390	465	553	665	834	986	1032	1167	1295			
BIG SANDY	240770	N4810	W11007	2700	43.7	667	915	1475	1659	1861	2103	2445	2732	2816	3057	3274			
BIG TIMBER	240780	N4550	W10957	4100	46.9	145	234	476	568	674	809	1012	1194	1249	1412	1564			
BILLINGS WATER PLANT	240802	N4546	W10829	3097	47.6	230	349	653	761	885	1039	1266	1464	1523	1696	1856			
BOULDER STATE SCHOOL	241008	N4614	W11207	4904	42.1	512	674	1024	1134	1254	1396	1592	1754	1801	1935	2055			
BOZEMAN MONT ST UNIV	241044	N4540	W11103	4856	43.7	399	537	841	939	1046	1174	1352	1500	1543	1667	1778			
BOZEMAN 12 NE	241050	N4549	W11053	5950	37.9	807	980	1313	1411	1514	1632	1790	1915	1951	2052	2140			
BRADY AZNOE	241080	N4757	W11120	3329	42.5	555	761	1227	1380	1548	1749	2034	2272	2342	2542	2723			
BREDETTE	241088	N4833	W10516	2687	40.4	1417	1700	2237	2394	2558	2744	2993	3191	3247	3404	3541			
BRIDGER	241102	N4518	W10855	3680	46.6	261	384	687	792	911	1057	1270	1453	1508	1666	1811			
BROADUS	241127	N4526	W10524	3030	44.5	568	759	1175	1308	1454	1626	1866	2066	2124	2290	2438			
BROWNING	241202	N4834	W11301	4355	40.3	606	818	1288	1440	1606	1804	2082	2313	2380	2574	2747			
CASCADE 5 S	241552	N4713	W11143	3390	45.3	249	383	732	859	1004	1185	1455	1691	1762	1969	2162			
CHESTER	241692	N4831	W11057	3140	41.0	947	1204	1731	1893	2066	2267	2542	2765	2830	3012	3173			
CHINOOK	241722	N4836	W10914	2350	43.0	862	1126	1685	1861	2050	2273	2582	2835	2909	3117	3304			
CHOTEAU AIRPORT	241737	N4749	W11210	3945	44.0	340	495	874	1005	1152	1331	1593	1817	1883	2076	2252			
CIRCLE	241758	N4726	W10535	2437	42.4	955	1209	1726	1884	2052	2248	2515	2732	2794	2971	3127			
COLSTRIP	241905	N4553	W10636	3221	46.2	383	532	875	989	1115	1266	1482	1663	1716	1869	2008			
COLUMBUS	241938	N4538	W10914	3585	45.9	301	437	763	876	1002	1156	1379	1570	1626	1790	1940			

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Montana																				
CONRAD AIRPORT	241974	N4810	W11158	3537	42.9	516	714	1166	1315	1480	1678	1959	2195	2264	2464	2644				
COOKE CITY	241995	N4501	W10956	7553	33.7	1756	1934	2239	2321	2404	2496	2614	2704	2730	2799	2859				
CRESTON	242104	N4811	W11408	2940	43.3	319	446	739	837	945	1075	1260	1417	1463	1595	1715				
CROW AGENCY	242112	N4536	W10727	3030	46.2	419	580	947	1069	1203	1364	1592	1784	1841	2003	2149				
CULBERTSON	242122	N4809	W10431	1920	40.8	1328	1617	2178	2343	2517	2716	2984	3197	3258	3429	3579				
DARBY	242221	N4601	W11410	3880	45.4	142	218	417	490	573	676	830	964	1005	1123	1233				
DILLON FAA AP	242404	N4515	W11233	5216	42.6	506	668	1013	1123	1242	1382	1576	1737	1783	1916	2034				
DILLON WMCE	242409	N4512	W11238	5228	43.6	318	445	736	833	941	1071	1255	1411	1457	1589	1709				
DIVIDE 2 NW	242421	N4546	W11247	5406	40.7	666	832	1165	1265	1372	1495	1662	1797	1836	1945	2041				
EAST ANACONDA	242604	N4606	W11255	5511	42.4	425	557	837	926	1022	1134	1290	1418	1455	1561	1655				
EKALAKA	242689	N4553	W10432	3425	43.8	729	915	1288	1401	1522	1661	1851	2004	2048	2172	2282				
ENNIS	242793	N4521	W11143	4953	43.5	355	477	747	834	930	1043	1201	1333	1371	1481	1580				
FAIRFIELD	242857	N4737	W11159	3983	44.1	328	485	875	1012	1166	1356	1634	1874	1945	2153	2344				
FLATWILLOW 4 ENE	243013	N4651	W10819	3138	45.2	395	563	961	1096	1246	1428	1691	1913	1979	2169	2343				
FORKS 4 NNE	243089	N4847	W10728	2600	39.8	1391	1689	2262	2431	2609	2812	3084	3301	3363	3536	3688				
FORT ASSINNIBOINE	243110	N4830	W10948	2613	42.8	839	1096	1641	1812	1997	2214	2515	2761	2833	3036	3217				
FORT BENTON	243113	N4749	W11040	2636	45.0	416	600	1039	1190	1358	1563	1860	2113	2188	2405	2603				
FORTINE 1 N	243139	N4847	W11454	3000	42.5	449	592	899	996	1101	1226	1398	1540	1582	1699	1804				
FORT PECK POWER PLANT	243176	N4801	W10624	2070	43.8	928	1180	1697	1855	2024	2222	2491	2710	2773	2952	3110				
GERALDINE	243445	N4736	W11016	3130	44.5	374	546	966	1112	1277	1478	1770	2021	2095	2312	2510				
GIBSON DAM	243489	N4736	W11246	4590	41.7	381	525	852	960	1079	1221	1423	1592	1641	1784	1912				
GLENDAVE	243581	N4706	W10443	2076	45.9	682	908	1399	1555	1726	1928	2210	2443	2511	2704	2878				
GOLDBUTTE 7 N	243617	N4859	W11124	3499	41.7	633	837	1277	1417	1568	1747	1996	2201	2261	2431	2583				
GRASSRANGE	243727	N4702	W10848	3480	44.5	375	528	888	1009	1143	1305	1537	1734	1792	1959	2110				
HAMILTON	243885	N4615	W11409	3529	45.7	182	271	491	569	657	765	923	1059	1100	1219	1328				
HARDIN	243915	N4543	W10736	2905	45.5	479	659	1070	1205	1354	1533	1786	1998	2060	2239	2401				
HARLEM	243929	N4832	W10847	2371	42.0	1034	1297	1826	1987	2158	2355	2624	2841	2904	3080	3235				
HARLOWTON	243939	N4626	W10950	4160	43.5	377	529	882	1001	1132	1290	1516	1707	1763	1925	2072				
HAUGAN 3 E	243984	N4723	W11521	3100	43.0	322	435	685	766	855	960	1108	1231	1267	1370	1463				
HAXBY 18 SW	244007	N4734	W10642	2650	42.9	847	1088	1588	1743	1909	2103	2369	2586	2649	2827	2985				
HEBGEN DAM	244038	N4452	W11120	6489	36.0	1707	1893	2214	2300	2389	2486	2612	2709	2736	2811	2875				
HELENA WSO //	244055	N4636	W11200	3828	43.3	510	686	1074	1199	1335	1498	1725	1915	1970	2127	2269				
HERON 2 NW	244084	N4805	W11600	2240	44.1	210	299	510	582	662	759	898	1017	1052	1153	1245				
HOLTER DAM	244241	N4700	W11201	3487	47.3	167	257	492	577	675	797	978	1137	1184	1324	1453				

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Montana																			
HUNGRY HORSE DAM	244328	N4821	W11400	3160	43.0	346	474	765	860	965	1091	1268	1417	1460	1585	1698			
HUNTLEY EXP STATION	244345	N4555	W10815	2989	45.4	406	578	985	1124	1278	1465	1734	1963	2030	2225	2403			
HYSHAM	244358	N4618	W10714	2660	46.4	401	578	1001	1146	1309	1507	1792	2036	2108	2318	2508			
JOPLIN 1 N	244512	N4835	W11047	3360	40.8	900	1156	1687	1851	2028	2234	2517	2748	2815	3004	3172			
JORDAN	244522	N4719	W10654	2590	44.2	696	930	1440	1604	1782	1993	2288	2532	2604	2807	2989			
KALISPELL	244563	N4812	W11418	2971	44.4	291	409	682	774	875	997	1172	1320	1363	1489	1602			
LAKEVIEW	244820	N4436	W11148	6710	35.0	1736	1948	2320	2422	2525	2641	2790	2906	2938	3028	3104			
LEWISTOWN FAA AP	244985	N4703	W10927	4145	41.9	556	748	1170	1307	1456	1632	1881	2087	2147	2319	2473			
LIBBY 1 NE RANGER STA	245015	N4824	W11532	2080	45.3	259	362	600	680	767	873	1024	1151	1188	1296	1394			
LIMA	245030	N4439	W11235	6275	39.2	989	1175	1522	1623	1727	1846	2003	2127	2163	2261	2347			
LINCOLN RANGER STATION	245040	N4657	W11239	4540	40.1	649	814	1146	1247	1354	1479	1647	1784	1823	1933	2031			
LIVINGSTON	245076	N4540	W11033	4490	45.9	169	257	487	570	664	782	956	1108	1154	1287	1411			
LIVINGSTON FAA AIRPORT	245086	N4542	W11026	4653	44.7	277	386	640	725	818	931	1092	1227	1267	1382	1486			
LOMA 1 WNW	245153	N4756	W11031	2580	44.3	575	796	1299	1466	1650	1870	2184	2447	2524	2746	2947			
LONESOME LAKE	245177	N4815	W11012	2760	42.0	833	1101	1680	1863	2063	2298	2626	2896	2974	3198	3398			
LUSTRE 4 NNW	245285	N4827	W10556	2920	40.2	1333	1618	2167	2329	2499	2694	2955	3162	3221	3388	3533			
MARTINSDALE 3 NNW	245387	N4630	W11020	4800	42.3	370	508	819	921	1033	1167	1358	1517	1563	1697	1818			
MEDICINE LAKE 3 SE	245572	N4829	W10427	1952	41.2	1359	1650	2211	2376	2549	2748	3014	3225	3286	3455	3604			
MELSTONE	245596	N4636	W10752	2890	46.3	326	484	877	1015	1172	1364	1646	1890	1963	2174	2368			
MILES CITY	245685	N4624	W10549	2360	46.4	569	780	1258	1415	1587	1793	2085	2330	2401	2607	2792			
MILES CITY FAA AP	245690	N4626	W10552	2628	45.4	670	898	1398	1558	1734	1942	2233	2474	2545	2746	2926			
MOCCASIN EXP STATION	245761	N4703	W10957	4300	42.5	488	657	1029	1148	1279	1435	1653	1834	1887	2038	2174			
MYSTIC LAKE	245961	N4514	W10945	6558	41.6	455	576	823	898	979	1072	1200	1303	1333	1417	1491			
NOHLY 3 WNW	246138	N4801	W10408	1920	41.1	1298	1581	2128	2290	2460	2655	2916	3124	3184	3351	3498			
NORRIS MADISON PH	246157	N4529	W11138	4745	46.9	147	226	430	503	588	693	849	985	1026	1146	1257			
OPHEIM 12 SSE	246238	N4842	W10619	2950	37.4	1683	1998	2589	2759	2937	3138	3406	3617	3677	3845	3991			
PHILIPSBURG RANGER STA	246472	N4619	W11318	5270	40.8	512	656	954	1046	1145	1260	1418	1547	1584	1689	1782			
PLEVNA	246601	N4625	W10430	2765	43.1	895	1127	1598	1742	1894	2071	2313	2508	2564	2722	2862			
POLEBRIDGE	246615	N4847	W11416	3690	39.4	773	951	1300	1404	1514	1640	1810	1947	1986	2095	2192			
POLSON KERR DAM	246640	N4741	W11414	2730	45.6	177	268	502	586	681	800	974	1127	1172	1305	1428			
POPLAR	246660	N4807	W10512	1995	42.5	1192	1467	2005	2166	2335	2530	2793	3003	3063	3232	3381			
RAPELJE 4 S	246862	N4555	W10915	4125	44.7	345	492	839	956	1088	1247	1476	1670	1728	1894	2045			
RAYMOND BORDER STATION	246893	N4900	W10435	2350	39.4	1600	1891	2432	2588	2750	2933	3176	3367	3421	3573	3705			
RED LODGE	246918	N4511	W10915	5575	42.5	431	568	862	955	1056	1175	1341	1477	1517	1629	1730			

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Montana																				
REDSTONE	246927	N4850	W10457	2107	39.6	1541	1813	2316	2460	2610	2779	3003	3179	3229	3368	3489				
ROCK SPRINGS	247136	N4649	W10614	3024	43.1	829	1065	1555	1706	1869	2059	2320	2533	2594	2768	2923				
ROUNDUP	247214	N4627	W10832	3227	46.9	257	385	709	823	954	1115	1352	1557	1619	1798	1963				
ROY 8 NE	247228	N4726	W10850	3445	43.9	584	792	1254	1405	1569	1765	2040	2270	2337	2529	2702				
SAINT IGNATIUS	247286	N4719	W11406	2900	45.7	168	260	504	593	696	824	1015	1183	1233	1381	1519				
SAVAGE	247382	N4727	W10421	1985	43.1	967	1218	1727	1881	2046	2238	2498	2709	2770	2941	3092				
SCOBEY	247424	N4847	W10525	2458	41.3	1363	1631	2138	2285	2439	2614	2848	3032	3085	3232	3360				
SEELEY LAKE RANGER STA	247448	N4713	W11331	4100	41.3	606	754	1049	1138	1232	1340	1488	1606	1640	1736	1820				
SIDNEY	247560	N4744	W10409	1920	41.8	1122	1385	1904	2059	2224	2412	2667	2872	2930	3095	3240				
SIMPSON 6 NW	247620	N4859	W11019	2740	40.4	1143	1447	2065	2254	2456	2690	3010	3269	3343	3554	3741				
STANFORD 1 WNW	247864	N4710	W11015	4308	43.2	396	548	895	1010	1136	1288	1504	1685	1739	1892	2030				
STEVENSVILLE	247894	N4631	W11406	3370	44.6	233	337	590	677	775	894	1066	1214	1257	1384	1500				
SUPERIOR	248043	N4712	W11453	2710	46.3	150	227	422	491	571	669	814	940	978	1088	1189				
TERRY	248165	N4648	W10518	2248	43.4	856	1121	1686	1864	2056	2282	2596	2853	2928	3141	3330				
THOMPSON FALLS PH	248211	N4736	W11522	2380	47.3	109	170	334	394	463	550	681	795	830	932	1026				
TOWNSEND	248324	N4619	W11131	3833	43.6	412	561	894	1003	1121	1263	1463	1630	1679	1819	1945				
TRIDENT	248363	N4557	W11129	4036	45.5	318	448	752	855	969	1106	1303	1470	1519	1660	1789				
TROUT CREEK RANGER STA	248380	N4752	W11537	2356	44.8	204	293	509	583	665	766	911	1035	1072	1178	1275				
TURNER	248413	N4851	W10824	3045	40.6	1123	1403	1963	2132	2312	2519	2802	3029	3094	3278	3440				
VALIER	248501	N4819	W11215	3805	42.5	513	707	1146	1291	1451	1642	1914	2141	2208	2399	2572				
VIDA	248569	N4750	W10529	2409	42.7	956	1216	1747	1911	2085	2288	2566	2791	2856	3040	3203				
VIRGINIA CITY	248597	N4518	W11157	5776	42.2	480	620	912	1003	1100	1215	1372	1501	1538	1644	1738				
WESTBY	248777	N4852	W10403	2105	40.0	1598	1888	2429	2584	2746	2929	3171	3362	3416	3568	3700				
WEST GLACIER	248809	N4830	W11359	3154	41.8	466	605	898	990	1089	1204	1364	1495	1533	1641	1736				
WEST YELLOWSTONE	248857	N4439	W11106	6662	34.9	1811	2002	2329	2417	2507	2606	2733	2831	2858	2933	2998				
WIBAUX 2 E	248957	N4659	W10409	2670	41.5	1085	1344	1859	2013	2177	2365	2620	2824	2883	3048	3193				
WINIFRED	249033	N4733	W10923	3243	43.1	598	802	1249	1393	1549	1735	1995	2211	2274	2454	2615				
WISDOM	249067	N4537	W11327	6060	35.1	1449	1666	2057	2166	2279	2406	2572	2701	2737	2838	2926				
Nebraska																				
AINSWORTH	250050	N4233	W09952	2510	49.0	389	520	806	897	997	1115	1280	1417	1457	1571	1673				
ALBION	250070	N4141	W09800	1760	48.1	531	683	996	1094	1198	1320	1487	1623	1663	1774	1874				
ALLIANCE	250130	N4206	W10252	3971	47.2	329	441	687	766	852	954	1098	1216	1251	1350	1439				
ARTHUR	250365	N4134	W10141	3500	47.6	333	457	737	829	930	1051	1222	1365	1407	1527	1636				
ASHLAND 3 NE	250375	N4104	W09620	1067	50.6	430	560	834	920	1013	1122	1272	1396	1432	1533	1624				

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Nebraska																		
ATKINSON	250420	N4233	W09858	2125	48.1	484	638	969	1074	1187	1321	1507	1661	1705	1832	1945		
AUBURN	250435	N4023	W09551	1065	52.5	232	327	549	624	707	807	951	1072	1108	1212	1305		
BEATRICE NO 1	250620	N4016	W09645	1235	52.8	263	351	544	606	674	754	865	958	985	1062	1131		
BEAVER CITY	250640	N4008	W09950	2160	52.7	215	292	463	519	579	652	754	838	863	934	998		
BENKELMAN	250760	N4003	W10132	2970	51.4	185	260	435	493	558	636	747	841	869	949	1021		
BIG SPRINGS	250865	N4104	W10205	3369	49.7	203	294	514	590	675	778	929	1057	1095	1206	1307		
BLAIR	250930	N4133	W09608	1115	49.6	468	607	901	993	1092	1208	1369	1500	1538	1646	1742		
BOX BUTTE EXP STATION	251045	N4208	W10257	4020	46.4	399	524	792	877	968	1076	1226	1349	1385	1487	1578		
BRIDGEPORT	251145	N4140	W10306	3666	49.5	216	304	507	575	650	741	871	981	1014	1107	1191		
BROKEN BOW 2 W	251200	N4125	W09941	2530	48.9	374	495	755	837	927	1033	1180	1302	1337	1438	1528		
BUTTE	251365	N4255	W09851	1810	48.5	539	693	1011	1110	1216	1339	1509	1648	1688	1801	1902		
CAMBRIDGE	251415	N4016	W10010	2258	52.1	232	309	476	529	587	656	752	832	855	921	980		
CENTRAL CITY	251560	N4107	W09800	1695	51.1	327	445	709	795	889	1002	1161	1293	1332	1443	1543		
CHADRON FAA AIRPORT	251575	N4250	W10305	3300	47.7	394	518	782	866	957	1063	1211	1333	1368	1469	1558		
CLARKSON	251660	N4143	W09707	1490	49.3	476	617	911	1003	1102	1217	1377	1508	1546	1653	1748		
COLUMBUS 3 NE	251825	N4128	W09720	1450	50.0	428	564	857	950	1050	1168	1333	1468	1508	1620	1720		
CRESCENT LAKE NATL WLR	252000	N4145	W10226	3820	47.6	294	403	651	732	821	928	1079	1205	1242	1349	1445		
CRETE	252020	N4037	W09657	1435	51.8	299	402	630	704	784	879	1013	1124	1157	1249	1333		
CULBERTSON	252065	N4013	W10050	2605	50.4	285	378	580	644	714	797	912	1007	1035	1113	1184		
CURTIS	252100	N4038	W10031	2570	50.5	280	372	570	634	702	783	897	990	1017	1095	1164		
DAVID CITY	252205	N4115	W09708	1615	50.3	413	546	833	924	1023	1139	1302	1436	1475	1586	1685		
EWING	252805	N4215	W09821	1888	48.5	517	664	969	1064	1165	1284	1446	1579	1617	1726	1823		
FAIRBURY 2 SSE	252820	N4007	W09710	1460	51.1	333	444	688	767	852	953	1094	1211	1245	1342	1429		
FAIRMONT	252840	N4038	W09735	1641	51.9	280	382	613	688	771	870	1010	1126	1160	1258	1347		
FALLS CITY	252850	N4004	W09536	990	53.4	199	279	462	523	591	672	788	886	915	997	1072		
FRANKLIN	253035	N4006	W09857	1883	52.4	257	344	533	593	659	737	847	937	963	1039	1106		
FREMONT	253050	N4126	W09629	1200	51.0	376	494	746	826	912	1014	1155	1271	1305	1401	1486		
GENEVA	253175	N4032	W09736	1633	51.5	323	427	652	723	801	892	1019	1124	1155	1242	1319		
GENOA 2 W	253185	N4127	W09746	1590	50.0	393	521	799	888	984	1098	1256	1387	1425	1534	1631		
GOTHENBURG	253365	N4056	W10010	2565	50.7	253	350	572	645	726	823	961	1077	1111	1209	1297		
GRAND ISLAND WSO //	253395	N4058	W09819	1841	49.9	384	511	787	876	972	1086	1244	1376	1414	1523	1620		
HALSEY 2 W	253540	N4154	W10019	2705	49.0	325	451	736	831	935	1060	1237	1387	1430	1556	1670		
HARLAN COUNTY DAM	253595	N4005	W09912	2000	50.4	356	463	686	756	832	920	1043	1142	1171	1254	1327		
HARRISON	253615	N4241	W10353	4850	44.3	583	726	1009	1095	1185	1290	1431	1545	1578	1670	1751		

Footnotes:

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Nebraska																
HARTINGTON	253630	N4237	W09716	1382	49.0	587	743	1061	1158	1261	1382	1546	1679	1717	1826	1922
HASTINGS	253660	N4035	W09823	1932	51.2	294	399	632	708	791	890	1029	1144	1178	1275	1362
HAYES CENTER	253690	N4031	W10101	3044	50.0	279	371	569	632	700	781	894	987	1014	1091	1160
HAY SPRINGS	253710	N4241	W10241	3855	47.0	412	536	799	881	970	1075	1219	1337	1371	1469	1555
HEBRON	253735	N4010	W09735	1458	51.8	318	424	654	727	807	901	1033	1142	1174	1264	1345
HOLDREGE 3 SW	253910	N4025	W09921	2330	51.3	277	373	585	653	728	816	940	1043	1073	1159	1237
IMPERIAL	254110	N4031	W10138	3278	51.0	185	257	423	479	540	613	717	805	831	905	972
KEARNEY	254335	N4042	W09905	2146	49.6	412	535	794	875	962	1064	1206	1321	1355	1450	1535
KIMBALL	254440	N4114	W10340	4725	47.5	227	308	488	546	610	686	794	883	909	984	1051
KINGSLEY DAM	254455	N4113	W10139	3300	50.7	173	254	453	522	600	695	834	954	989	1092	1187
LODGEPOLE	254900	N4109	W10238	3832	50.0	180	251	416	471	532	605	710	798	824	899	966
LOUP CITY	254985	N4117	W09858	2065	49.4	408	538	817	905	1001	1113	1270	1400	1437	1544	1639
MADISON	255080	N4150	W09727	1580	49.4	498	637	922	1010	1104	1214	1365	1488	1523	1623	1712
MADRID	255090	N4051	W10133	3200	50.7	223	310	510	577	650	738	864	970	1001	1090	1171
MCCOOK	255310	N4013	W10035	2586	52.3	179	255	435	496	564	647	766	867	897	983	1062
MEDICINE CREEK DAM	255388	N4023	W10013	2387	49.9	356	460	677	745	818	903	1020	1115	1143	1222	1291
MERRIMAN	255470	N4255	W10141	3260	47.7	405	532	804	889	982	1092	1244	1369	1405	1508	1600
MINDEN	255565	N4030	W09857	2170	51.3	292	389	599	666	739	826	947	1047	1076	1159	1233
MITCHELL 5 E	255590	N4157	W10341	4080	47.3	325	427	645	714	788	876	998	1099	1128	1211	1285
MULLEN	255700	N4203	W10103	3220	49.1	270	381	641	728	825	942	1109	1251	1293	1414	1523
NENZEL 20 S	255860	N4239	W10110	3077	47.8	355	481	761	852	952	1071	1238	1378	1418	1535	1640
NIOBRARA	255960	N4245	W09803	1235	49.0	514	671	1005	1109	1223	1356	1540	1691	1735	1859	1970
NORFOLK WSO //	255995	N4159	W09726	1544	48.2	620	774	1083	1177	1276	1391	1546	1672	1708	1809	1899
NORTH LOUP	256040	N4130	W09846	1960	49.4	390	518	794	883	978	1091	1249	1379	1417	1525	1621
NORTH PLATTE WSO //	256065	N4108	W10041	2775	48.1	385	517	805	898	999	1118	1286	1425	1466	1582	1686
OAKDALE	256135	N4204	W09758	1705	48.3	541	695	1014	1113	1219	1343	1513	1652	1692	1806	1907
OGALLALA 3 W	256200	N4108	W10146	3250	48.9	272	384	646	734	831	949	1118	1261	1303	1425	1535
O NEILL	256290	N4227	W09838	1975	48.1	540	692	1006	1103	1207	1328	1495	1630	1669	1780	1879
OSCEOLA	256375	N4111	W09733	1640	50.4	398	527	804	892	987	1100	1257	1386	1424	1531	1627
OSHKOSH	256385	N4124	W10221	3393	48.7	278	378	603	676	756	852	987	1099	1132	1226	1311
PAWNEE CITY	256570	N4006	W09609	1175	53.9	195	277	470	535	607	694	820	926	958	1049	1131
PURDUM	256970	N4204	W10015	2690	48.6	378	506	783	872	969	1084	1245	1378	1416	1527	1626
RAVENNA	257040	N4102	W09855	1995	50.4	376	491	736	813	895	993	1128	1238	1271	1362	1443
RED CLOUD	257070	N4006	W09831	1720	51.8	250	348	573	648	730	829	970	1089	1124	1224	1315

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Nebraska																				
SAINT PAUL	257515	N4112	W09827	1796	49.6	388	515	790	877	972	1085	1241	1371	1408	1515	1611				
SCOTTSBLUFF WSO //	257665	N4152	W10336	3957	48.5	308	400	594	655	720	797	903	989	1014	1085	1149				
SEWARD	257715	N4054	W09705	1442	51.3	326	435	674	751	835	933	1072	1186	1220	1315	1400				
SIDNEY 6 NNW	257830	N4114	W10300	4320	48.1	204	295	517	593	678	783	934	1063	1101	1212	1314				
SIDNEY FAA AIRPORT	257835	N4106	W10259	4292	47.1	323	420	623	687	755	836	947	1038	1064	1139	1205				
SPRINGVIEW	258090	N4249	W09944	2440	48.2	438	592	932	1043	1163	1306	1507	1675	1724	1863	1989				
STANTON	258110	N4157	W09714	1472	49.2	504	648	946	1038	1137	1253	1411	1541	1578	1684	1778				
STAPLETON 5 SSE	258130	N4125	W10028	3020	48.7	355	477	747	835	930	1043	1202	1333	1372	1481	1580				
SYRACUSE	258395	N4039	W09611	1045	51.3	330	455	739	832	935	1058	1233	1380	1423	1546	1658				
TECUMSEH	258465	N4022	W09611	1130	51.4	325	435	674	750	834	932	1071	1185	1218	1313	1399				
TEKAMAH	258480	N4147	W09613	1052	50.6	434	563	836	921	1013	1121	1270	1391	1426	1527	1616				
TRENTON DAM	258628	N4010	W10104	2810	50.7	265	355	553	616	686	768	884	979	1007	1087	1158				
VALENTINE LKS GAME REF	258755	N4235	W10041	2929	48.9	344	463	725	810	902	1012	1166	1293	1331	1437	1533				
WAKEFIELD	258915	N4216	W09652	1413	48.1	609	771	1101	1201	1309	1434	1604	1743	1782	1895	1994				
WEEPING WATER	259090	N4052	W09607	1110	51.3	360	475	721	799	884	984	1122	1236	1269	1364	1448				
WEST POINT	259200	N4150	W09643	1310	49.3	491	650	991	1099	1217	1356	1549	1708	1755	1887	2005				
YORK	259510	N4052	W09736	1633	51.2	340	452	693	770	853	952	1089	1203	1236	1330	1414				
Nevada																				
BATTLE MOUNTAIN AP R	260691	N4037	W11652	4530	48.8	91	144	287	341	403	481	598	703	734	827	913				
BOULDER CITY	261071	N3559	W11451	2525	66.9	*	*	0	1	2	4	8	12	14	19	25				
CALIENTE	261358	N3737	W11431	4402	53.4	15	31	95	124	161	213	300	386	414	498	583				
CARSON CITY	261485	N3909	W11946	4651	50.2	25	44	105	130	160	200	263	321	339	393	444				
CONTACT	261905	N4147	W11445	5365	46.3	176	247	409	463	522	594	697	784	809	882	949				
DESERT NATL WL RANGE	262243	N3626	W11522	2920	62.6	0	0	4	6	9	13	21	30	32	42	51				
DYER 4 SE	262431	N3737	W11801	4975	50.9	33	58	138	170	210	261	342	417	440	510	577				
ELKO WSO	262573	N4050	W11547	5075	46.2	199	299	551	640	741	867	1051	1211	1258	1398	1526				
ELY WSO //	262631	N3917	W11451	6253	44.3	274	388	654	743	843	964	1137	1283	1326	1451	1564				
FALLON EXPERIMENT STA	262780	N3927	W11847	3965	51.6	35	58	123	147	176	213	270	320	336	382	425				
GLENBROOK	263205	N3905	W11956	6400	46.7	32	51	100	118	139	164	203	237	247	278	306				
LAS VEGAS WSO	264436	N3605	W11510	2162	66.3	*	*	1	2	4	7	12	18	21	28	35				
LEHMAN CAVES NAT MON	264514	N3900	W11413	6825	48.1	94	141	262	305	354	415	504	581	604	672	734				
LOVELOCK FAA AP	264700	N4004	W11833	3900	51.0	54	90	196	237	286	348	445	532	559	638	714				
MC GILL	264950	N3924	W11446	6340	46.7	152	224	400	462	531	617	741	848	880	972	1057				
MINA	265168	N3823	W11806	4552	53.9	26	43	89	107	128	155	196	232	243	276	307				

Footnotes:

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Nevada																			
MINDEN	265191	N3857	W11946	4720	48.8	38	67	157	194	238	295	386	469	495	573	647			
OWYHEE	265869	N4157	W11606	5396	46.0	114	178	349	412	485	576	712	832	869	975	1074			
PIOCHE	266252	N3756	W11427	6165	50.7	41	68	149	180	217	265	339	405	426	486	543			
RENO WSO //	266779	N3930	W11947	4404	49.4	28	52	130	163	203	256	341	421	446	521	594			
RYE PATCH DAM	267192	N4028	W11818	4135	50.7	40	70	160	196	240	296	385	466	491	566	637			
SEARCHLIGHT	267369	N3528	W11455	3540	63.2	0	0	4	7	10	14	23	33	36	46	56			
SMOKEY VALLEY	267620	N3847	W11710	5625	49.3	59	99	218	265	320	392	502	602	633	725	811			
SUNRISE MANR LAS VEGAS	267925	N3612	W11505	1820	64.3	*	0	3	4	7	10	17	24	26	33	41			
WELLS	268988	N4107	W11458	5650	44.2	363	483	745	828	919	1027	1177	1301	1337	1441	1533			
WINNEMUCCA WSO //	269171	N4054	W11748	4301	48.7	66	108	229	276	331	401	508	604	633	720	802			
YERINGTON	269229	N3859	W11910	4375	51.2	35	58	125	151	182	221	280	334	351	399	445			
New Hampshire																			
BETHLEHEM	270703	N4417	W07141	1380	41.9	1161	1298	1535	1600	1666	1739	1834	1907	1928	1984	2033			
BLACKWATER DAM	270741	N4319	W07143	480	44.5	751	873	1095	1158	1223	1297	1393	1468	1489	1549	1600			
CONCORD WSO	271683	N4312	W07130	346	45.3	640	767	1010	1081	1155	1239	1352	1441	1466	1537	1599			
DURHAM	272174	N4308	W07056	70	47.0	410	509	703	762	824	895	992	1069	1091	1154	1209			
FIRST CONN LAKE	272999	N4505	W07117	1660	37.0	1868	2052	2365	2449	2534	2627	2748	2840	2865	2936	2996			
HANOVER	273850	N4342	W07217	603	44.9	819	939	1154	1214	1276	1345	1436	1506	1526	1581	1628			
KEENE	274399	N4255	W07217	490	46.7	509	618	828	890	955	1030	1130	1209	1232	1295	1351			
LAKEPORT	274475	N4333	W07128	560	45.5	736	843	1037	1091	1146	1208	1290	1353	1371	1420	1463			
LEBANON FAA AIRPORT	274656	N4338	W07219	562	44.0	891	1022	1256	1321	1388	1464	1562	1639	1660	1720	1772			
MASSABESIC LAKE	275211	N4259	W07124	250	46.4	511	612	802	858	916	981	1069	1138	1158	1213	1262			
MT. WASHINGTON WSO	275639	N4416	W07118	6262	26.6	3199	3415	3768	3861	3954	4055	4183	4280	4307	4381	4443			
NASHUA 2 NNW	275712	N4247	W07129	140	46.4	471	572	767	824	884	953	1046	1119	1140	1199	1251			
PETERBORO 2 S	276697	N4251	W07157	1020	45.2	605	709	900	955	1011	1075	1159	1225	1244	1296	1341			
PINKHAM NOTCH	276818	N4416	W07115	2029	39.7	1292	1428	1661	1724	1788	1859	1950	2020	2039	2093	2139			
SURRY MOUNTAIN DAM	278539	N4300	W07219	550	44.3	778	908	1146	1213	1283	1362	1466	1547	1570	1634	1690			
WOODSTOCK	279940	N4359	W07141	720	43.9	812	930	1143	1203	1264	1333	1423	1492	1512	1567	1614			
New Jersey																			
BELLEPLAIN ST FOREST	280690	N3915	W07452	30	54.3	38	61	124	148	176	211	263	310	324	366	405			
BELVIDERE	280729	N4050	W07505	275	50.5	119	182	345	404	471	554	677	785	818	912	1000			
BOONTON 1 SE	280907	N4054	W07424	280	50.3	139	202	357	410	470	544	651	743	770	849	921			
CANOE BROOK	281335	N4045	W07421	180	50.6	129	193	352	408	471	550	664	764	793	880	959			
CAPE MAY 1 NW	281351	N3857	W07456	17	55.1	17	30	73	90	110	138	181	220	233	270	305			

Footnotes:

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Air Freezing Index- USA Method (Base 32^o Fahrenheit)

Air Freezing Index Return Periods (^oF-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (^o F)	Air Freezing Index Return Periods (^o F-Days) & Associated Probabilities (%)												
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New Jersey																		
CHARLOTTEBURG	281582	N4102	W07426	760	48.1	239	323	509	569	635	713	823	915	941	1018	1086		
ESSEX FELS SERV BLDG	282768	N4050	W07417	340	50.8	131	192	344	397	457	530	637	729	756	836	909		
FLEMINGTON 1 NE	283029	N4031	W07451	140	51.0	109	166	312	365	424	499	609	705	734	819	896		
FREEHOLD	283181	N4016	W07415	194	52.7	62	100	201	239	282	338	421	495	518	584	646		
GLASSBORO	283291	N3942	W07507	135	53.9	45	75	159	191	229	278	352	419	439	500	557		
HAMMONTON 2 NNE	283662	N3939	W07448	85	53.9	48	78	161	193	230	277	349	413	432	490	544		
HIGHTSTOWN 1 N	283951	N4017	W07431	100	52.8	65	102	204	241	285	339	421	494	516	581	641		
INDIAN MILLS 2 W	284229	N3948	W07447	100	52.8	62	97	190	224	264	313	386	451	470	527	580		
JERSEY CITY	284339	N4044	W07403	135	52.7	54	88	183	219	261	315	396	469	491	557	618		
LAMBERTVILLE	284635	N4022	W07457	60	53.2	60	97	197	234	277	332	415	489	512	578	640		
LITTLE FALLS	284887	N4053	W07414	150	52.4	77	119	230	270	316	374	460	535	558	625	686		
LONG BRANCH 2 S	284987	N4019	W07401	15	52.9	43	71	152	183	220	267	339	405	424	483	539		
LONG VALLEY	285003	N4047	W07447	550	49.0	161	234	411	472	541	625	746	851	882	971	1053		
MILLVILLE FAA AIRPORT	285581	N3922	W07504	68	54.0	46	75	154	183	218	261	328	386	404	457	506		
MOORESTOWN	285728	N3958	W07458	55	53.2	51	82	169	202	241	289	363	429	449	509	564		
MORRIS PLAINS 1 W	285769	N4050	W07430	400	50.3	139	202	357	411	471	545	652	743	771	850	922		
NEWARK WSO	286026	N4042	W07410	11	54.2	48	78	160	191	227	274	343	406	425	481	533		
NEWTON	286177	N4103	W07445	565	48.4	260	355	565	634	709	799	925	1031	1062	1150	1230		
PEMBERTON 3 E	286843	N3958	W07438	80	53.3	51	83	171	205	244	293	368	435	455	515	571		
PLAINFIELD	287079	N4036	W07424	90	52.9	62	98	195	230	271	323	400	468	489	550	606		
SHILOH	288051	N3928	W07518	120	54.6	39	62	127	151	180	215	269	317	332	375	415		
SOMERVILLE 3 NW	288194	N4036	W07438	160	51.7	77	125	259	310	370	445	560	663	694	786	873		
SUSSEX 1 SE	288644	N4112	W07436	390	48.1	268	369	599	675	758	858	1000	1119	1154	1254	1345		
TRENTON WSO	288883	N4013	W07446	56	54.0	44	72	147	175	208	250	313	370	387	437	484		
New Mexico																		
ALAMOGORDO	290199	N3253	W10557	4350	61.4	2	5	15	19	25	33	46	59	63	76	89		
AMISTAD 1 SSW	290377	N3554	W10310	4500	55.9	34	52	98	114	133	156	190	219	228	254	278		
ARTESIA 6 S	290600	N3246	W10423	3320	60.5	8	15	36	45	55	69	92	112	118	138	156		
AZTEC RUINS NAT MON	290692	N3650	W10800	5640	51.2	96	146	277	324	378	445	545	632	658	734	804		
BELL RANCH	290858	N3532	W10406	4500	56.7	20	33	70	84	101	122	154	183	191	217	241		
BERNALILLO	290903	N3519	W10633	5045	54.6	24	39	80	96	114	136	170	201	210	237	263		
BITTER LAKES WL REF	290992	N3329	W10424	3670	59.4	9	17	39	49	60	74	97	117	124	143	161		
BLOOMFIELD 3 SE	291063	N3640	W10758	5794	52.8	92	137	249	289	333	388	469	538	559	619	675		
BOSQUE DEL APACHE	291138	N3346	W10654	4520	57.5	9	17	42	52	64	80	105	129	136	158	179		

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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New Mexico																				
CABALLO DAM	291286	N3254	W10718	4190	60.4	4	7	20	25	32	41	55	68	72	84	96				
CAMERON	291332	N3454	W10323	4600	55.7	31	46	81	93	107	124	149	170	176	194	211				
CARLSBAD FAA AIRPORT	291475	N3220	W10416	3232	63.1	3	7	20	25	32	41	55	69	73	86	99				
CARLSBAD CAVERNS	291480	N3211	W10427	4435	62.6	3	6	18	23	30	38	53	66	71	84	96				
CARRIZOZO	291515	N3339	W10553	5438	55.8	18	28	54	63	74	87	106	123	128	143	156				
CERRO 4 NE	291630	N3649	W10535	7685	44.5	464	587	838	915	997	1092	1222	1327	1357	1443	1518				
CHACO CANYON NAT MON	291647	N3602	W10754	6175	49.1	151	216	372	425	484	557	660	749	775	851	920				
CHAMA	291664	N3655	W10635	7850	42.4	593	708	924	987	1052	1127	1226	1304	1326	1389	1443				
CIMARRON	291813	N3631	W10455	6427	49.9	71	99	164	185	209	237	277	311	321	350	376				
CLAYTON WSO	291887	N3627	W10309	4970	52.9	55	80	141	161	184	213	253	288	299	329	356				
CLIFF 10 SE	291910	N3252	W10831	4800	56.4	2	5	18	24	32	44	65	86	92	114	135				
CLOVIS	291939	N3426	W10312	4280	57.0	20	31	62	73	86	101	125	146	152	171	188				
CLOVIS 13 N	291963	N3436	W10313	4435	56.8	21	32	59	68	79	92	111	127	132	147	160				
COLUMBUS	292024	N3150	W10739	4010	61.8	1	3	10	14	18	24	35	45	48	58	68				
CONCHAS DAM	292030	N3524	W10411	4244	59.2	14	24	50	60	71	86	108	128	134	152	169				
CUBA	292241	N3602	W10658	7045	46.2	274	362	553	613	679	757	865	954	980	1053	1119				
DES MOINES	292453	N3645	W10350	6632	49.5	102	140	225	253	284	320	372	415	427	463	496				
EAGLE NEST	292700	N3633	W10516	8275	39.5	680	850	1189	1292	1400	1526	1697	1835	1874	1986	2084				
EL MORRO NAT MON	292785	N3503	W10821	7225	47.3	155	215	354	400	451	513	600	674	695	757	813				
EL VADO DAM	292837	N3636	W10644	6750	44.2	524	625	817	872	930	996	1084	1153	1172	1228	1276				
ELEPHANT BUTTE DAM	292848	N3309	W10711	4576	61.0	1	3	12	17	23	33	50	67	73	91	109				
ELIDA	292854	N3357	W10339	4345	57.3	20	32	63	75	88	104	129	151	158	177	195				
ELK 3 E	292865	N3256	W10517	5700	53.8	18	27	50	58	67	78	95	109	113	125	137				
ESTANCIA	293060	N3445	W10604	6107	50.7	67	98	172	198	226	261	311	355	367	405	438				
FLORIDA	293225	N3226	W10729	4450	59.0	1	4	14	19	26	35	50	66	71	87	102				
FORT BAYARD	293265	N3248	W10809	6142	54.5	9	15	31	37	45	54	68	81	85	96	107				
FORT SUMNER	293294	N3428	W10415	4030	58.1	12	20	45	54	66	81	103	124	130	149	167				
FRUITLAND 2 E	293340	N3644	W10821	5145	52.0	97	145	264	306	354	413	499	574	596	661	721				
GALLUP 5 E	293420	N3532	W10839	6600	49.2	116	164	276	314	356	406	479	540	558	610	657				
GRAN QUIVIRA NAT MON	293649	N3416	W10605	6620	52.9	35	50	84	96	109	125	148	167	173	190	205				
GRENVILLE	293706	N3636	W10337	5990	50.4	71	103	179	205	234	269	321	364	377	415	449				
HATCH 2 W	293855	N3240	W10711	4052	59.7	1	4	15	20	27	36	53	71	76	94	111				
HOBBS	294026	N3242	W10308	3615	62.1	5	9	21	26	32	39	49	59	62	71	80				
JAL	294346	N3207	W10312	3150	64.0	2	5	14	18	23	29	40	51	54	64	73				

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New Mexico																					
JEMEZ SPRINGS	294369	N3547	W10641	6250	52.0	47	67	118	135	154	177	211	240	248	273	296					
JORNADA EXP RANGE	294426	N3237	W10644	4275	58.3	4	9	26	33	42	54	74	92	98	116	134					
LAGUNA	294719	N3502	W10724	5800	53.2	40	60	111	129	149	175	212	244	254	282	308					
LAKE MALOYA	294742	N3659	W10422	7400	44.4	272	353	524	577	635	703	796	872	894	957	1013					
LAS VEGAS FAA AIRPORT	294856	N3539	W10509	6857	49.1	87	122	203	230	259	295	346	389	402	439	472					
LORDSBURG 4 SE	295079	N3218	W10839	4250	60.8	0	2	10	14	20	27	41	55	60	75	90					
LOS ALAMOS	295084	N3552	W10619	7410	48.2	115	162	273	310	351	401	473	534	551	603	650					
MALJAMAR 4 SE	295370	N3249	W10342	4000	60.0	7	12	28	35	42	52	67	80	85	97	109					
MC GAFFEY 4 SE	295560	N3521	W10827	7800	43.2	405	502	694	752	813	883	978	1055	1077	1138	1193					
MELROSE	295617	N3426	W10337	4599	57.0	22	33	61	71	82	96	116	133	138	153	167					
MOUNTAIN PARK	295960	N3257	W10551	6780	52.8	13	20	38	45	52	61	74	86	89	99	109					
MOUNTAINAIR	295965	N3431	W10615	6520	51.2	59	84	142	162	184	210	249	281	290	318	343					
PASAMONTE	296619	N3618	W10344	5650	51.2	86	120	200	226	256	291	341	384	396	432	465					
PEARL	296659	N3239	W10323	3800	60.5	7	12	26	31	37	44	55	65	68	77	85					
PORTALES	297008	N3411	W10321	4010	58.3	14	23	45	53	62	74	91	106	111	124	137					
QUEMADO RANGER STATION	297180	N3421	W10830	6879	48.2	102	139	222	249	279	314	364	406	418	453	484					
RED RIVER	297323	N3642	W10524	8676	38.6	889	1037	1309	1386	1466	1556	1674	1767	1793	1867	1930					
ROY	297638	N3557	W10412	5890	51.9	52	78	142	165	190	221	267	307	319	353	385					
RUIDOSO 2 NNE	297649	N3322	W10540	6838	48.2	57	75	111	122	134	148	168	184	189	202	213					
SAN JON	297867	N3507	W10320	4230	58.7	19	30	61	73	87	104	130	153	159	180	199					
SANTA ROSA	298107	N3457	W10441	4620	58.2	11	18	39	47	56	68	86	102	107	122	135					
SOCORRO	298387	N3405	W10653	4585	56.9	11	20	47	57	70	87	113	137	144	167	188					
SPRINGER	298501	N3623	W10436	5857	50.8	85	131	251	295	345	407	500	581	605	677	743					
STATE UNIVERSITY	298535	N3217	W10645	3881	60.8	1	3	10	14	18	25	36	46	50	60	71					
TAJIQUE	298648	N3445	W10617	6698	49.3	60	92	174	203	236	278	339	393	409	456	499					
TOHATCHI 1 ESE	298919	N3551	W10844	6420	52.2	53	82	159	187	219	259	319	371	387	433	476					
TRUTH OR CONSEQUENCES	299129	N3314	W10716	4820	59.8	5	10	26	32	41	52	70	87	92	108	123					
TUCUMCARI 3 NE	299156	N3512	W10341	4096	58.9	17	27	53	63	74	88	108	127	132	148	163					
VALMORA	299330	N3549	W10456	6300	49.0	80	113	191	217	246	281	331	374	386	423	455					
WHITE SANDS NAT MON	299686	N3247	W10611	3995	59.7	7	12	29	36	44	54	70	85	90	103	116					
WINSTON	299806	N3321	W10739	6200	52.4	22	32	58	67	78	90	108	124	129	142	154					
WOLF CANYON	299820	N3558	W10646	8135	40.8	578	677	859	911	965	1026	1107	1170	1188	1238	1281					
New York																					
ALBANY WSO	300042	N4245	W07348	275	47.3	540	648	853	913	975	1046	1141	1216	1238	1298	1350					

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New York																			
ALCOVE DAM	300063	N4228	W07356	600	45.6	641	754	964	1024	1086	1156	1249	1323	1343	1401	1451			
ALFRED	300085	N4215	W07748	1740	45.1	565	686	919	988	1060	1143	1254	1342	1367	1437	1499			
ALLEGANY STATE PARK	300093	N4206	W07845	1500	45.3	445	567	815	891	972	1067	1197	1302	1332	1418	1494			
ANGELICA	300183	N4218	W07801	1420	45.5	501	616	842	910	981	1063	1174	1262	1287	1358	1421			
BAINBRIDGE	300360	N4218	W07529	1015	47.0	440	550	770	836	907	988	1099	1188	1213	1286	1349			
BATAVIA	300443	N4300	W07811	900	47.5	409	516	731	797	867	948	1058	1147	1173	1246	1310			
BOONVILLE 2 SSW	300785	N4327	W07521	1580	42.4	1098	1232	1467	1531	1597	1670	1765	1838	1858	1915	1963			
BRIDGEHAMPTON	300889	N4057	W07218	60	50.8	70	104	188	218	252	294	355	407	423	469	510			
BROCKPORT 2 NW	300937	N4315	W07758	413	47.6	421	518	708	765	825	894	987	1061	1082	1142	1195			
CANANDAIGUA 3 S	301152	N4251	W07717	720	47.8	386	483	676	734	796	868	965	1043	1066	1129	1185			
CANTON 4 SE	301185	N4434	W07507	440	43.6	1034	1193	1480	1561	1645	1738	1861	1957	1983	2059	2124			
CARMEL 1 SW	301207	N4125	W07342	490	48.5	280	367	553	611	674	749	852	936	961	1030	1093			
CHASM FALLS	301387	N4445	W07413	1060	43.2	1066	1202	1441	1507	1575	1649	1747	1822	1843	1901	1952			
CHAZY	301401	N4453	W07326	170	44.2	938	1090	1367	1445	1527	1618	1738	1832	1859	1933	1997			
COOPERSTOWN	301752	N4242	W07455	1240	45.2	628	742	955	1016	1079	1151	1247	1322	1343	1403	1454			
CORTLAND	301799	N4236	W07611	1129	45.7	602	712	916	975	1036	1105	1196	1268	1289	1346	1396			
DANNEMORA	301966	N4443	W07343	1340	44.0	1045	1164	1368	1424	1481	1543	1625	1687	1704	1752	1794			
DANSVILLE	301974	N4234	W07742	685	48.1	330	429	636	701	771	853	966	1059	1086	1162	1230			
DOBBS FERRY	302129	N4101	W07352	240	53.0	76	114	209	243	281	329	398	458	476	528	576			
ELIZABETHTOWN	302554	N4413	W07335	590	43.2	957	1116	1409	1492	1578	1675	1802	1902	1930	2009	2078			
ELMIRA	302610	N4206	W07649	880	47.0	344	452	683	757	836	929	1058	1164	1195	1283	1361			
FRANKLINVILLE	303025	N4221	W07827	1590	43.9	626	764	1034	1114	1199	1295	1425	1529	1558	1642	1715			
FREDONIA	303033	N4225	W07918	760	49.0	247	335	530	594	664	746	863	960	989	1070	1143			
GENEVA RESEARCH FARM	303184	N4253	W07702	718	47.3	432	537	747	811	878	955	1060	1144	1169	1237	1297			
GLENHAM	303259	N4131	W07356	275	50.8	196	270	439	494	555	629	733	820	845	919	985			
GLENS FALLS FAA AP	303294	N4321	W07337	321	45.2	745	877	1120	1190	1263	1344	1453	1538	1562	1629	1688			
GLOVERSVILLE	303319	N4302	W07421	760	45.9	632	751	973	1037	1104	1180	1280	1360	1382	1445	1500			
GOUVERNEUR	303346	N4420	W07529	460	44.3	944	1082	1330	1399	1470	1550	1654	1735	1758	1822	1877			
GRAFTON	303360	N4247	W07328	1560	44.9	738	852	1057	1115	1174	1241	1329	1397	1416	1470	1516			
HEMLOCK	303773	N4247	W07737	902	46.8	428	545	783	856	935	1026	1150	1252	1281	1363	1436			
INDIAN LAKE 2 SW	304102	N4345	W07417	1660	39.7	1376	1526	1784	1854	1925	2004	2106	2184	2205	2265	2317			
ITHACA CORNELL UNIV. //	304174	N4227	W07627	960	46.1	515	625	838	901	966	1042	1143	1223	1246	1310	1367			
LAKE PLACID CLUB	304555	N4417	W07359	1880	40.2	1351	1504	1768	1840	1914	1995	2099	2180	2202	2265	2318			
LAWRENCEVILLE	304647	N4445	W07439	500	43.9	1068	1205	1445	1511	1578	1653	1751	1826	1847	1906	1956			

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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New York																			
LIBERTY	304731	N4148	W07445	1610	44.9	589	711	944	1012	1083	1165	1274	1361	1386	1455	1515			
LITTLE FALLS CITY RES	304791	N4304	W07452	900	45.0	798	914	1124	1182	1243	1310	1398	1467	1486	1540	1586			
LITTLE VALLEY	304808	N4215	W07848	1575	44.4	581	705	945	1015	1089	1174	1288	1378	1404	1477	1540			
LOCKPORT 2 NE	304844	N4311	W07839	520	47.7	404	497	680	735	792	858	947	1019	1039	1097	1147			
LOWVILLE	304912	N4348	W07530	960	44.0	929	1056	1281	1343	1407	1478	1571	1643	1663	1720	1768			
MILLBROOK	305334	N4151	W07337	815	47.4	353	454	662	727	797	877	989	1080	1106	1180	1246			
MINEOLA	305377	N4044	W07338	128	52.9	52	82	161	190	224	266	329	384	401	450	496			
MOHONK LAKE	305426	N4146	W07409	1245	48.1	362	452	633	687	745	812	903	977	998	1057	1109			
MOUNT MORRIS 2 W	305597	N4244	W07754	880	47.1	442	552	773	839	910	992	1103	1193	1218	1291	1355			
NEW YORK CNTRL PK WSO	305801	N4047	W07358	132	54.5	48	75	146	172	201	238	294	343	357	400	440			
NY WESTERLEIGH STAT IS	305821	N4036	W07410	80	53.2	52	83	165	196	231	276	342	401	419	472	521			
NORWICH 1 NE	306085	N4232	W07530	1120	44.3	681	815	1068	1142	1219	1306	1423	1516	1542	1615	1679			
OGDENSBURG 3 NE	306164	N4444	W07527	285	44.5	920	1077	1368	1451	1537	1633	1761	1862	1890	1969	2038			
OSWEGO EAST //	306314	N4328	W07630	350	47.3	410	504	690	745	804	871	961	1034	1054	1113	1164			
PATCHOGUE 2 N	306441	N4048	W07301	55	51.0	82	122	221	256	296	345	416	478	496	550	599			
PENN YAN 2 SW	306510	N4239	W07705	720	49.0	288	374	556	612	674	745	844	925	949	1015	1075			
PERU 2 WSW	306538	N4434	W07334	510	44.6	872	999	1228	1292	1358	1431	1528	1602	1624	1682	1733			
PORT JERVIS	306774	N4123	W07441	470	49.6	230	308	477	531	590	660	758	839	862	930	990			
POUGHKEEPSIE FAA AP	306820	N4138	W07353	154	49.1	265	355	554	617	687	769	885	981	1008	1088	1160			
RIVERHEAD RESEARCH	307134	N4058	W07243	100	52.2	58	90	172	202	237	279	343	399	416	465	510			
ROCHESTER WSO //	307167	N4307	W07740	547	47.9	407	504	698	756	817	888	984	1060	1082	1144	1199			
SALEM	307405	N4310	W07319	490	44.7	753	886	1133	1203	1276	1359	1468	1554	1579	1647	1706			
SCARSDALE	307497	N4059	W07348	199	52.2	73	112	213	249	290	342	418	485	505	564	618			
SETAUKET	307633	N4058	W07306	40	52.7	59	89	164	190	220	257	312	359	373	414	452			
SODUS CENTER //	307842	N4312	W07701	420	48.1	335	435	646	711	782	866	980	1075	1102	1179	1248			
SPENCER 3 W	308088	N4212	W07634	1020	45.2	543	666	906	977	1052	1138	1254	1347	1374	1448	1514			
STILLWATER RESERVOIR	308248	N4353	W07502	1690	40.3	1447	1611	1894	1971	2050	2136	2249	2335	2359	2425	2483			
SYRACUSE WSO	308383	N4307	W07607	410	47.7	457	555	744	799	858	925	1014	1085	1106	1163	1213			
TUPPER LAKE SUNMOUNT	308631	N4414	W07426	1680	40.6	1296	1461	1752	1832	1914	2005	2123	2215	2240	2311	2372			
UTICA FAA AP	308737	N4309	W07523	718	45.9	635	758	990	1057	1127	1207	1313	1397	1421	1487	1545			
WANAKENA RANGER SCHOOL//	308944	N4409	W07454	1510	41.6	1167	1323	1598	1675	1753	1839	1953	2040	2065	2133	2192			
WATERTOWN	309000	N4358	W07552	497	45.5	799	928	1164	1231	1301	1378	1481	1561	1583	1646	1701			
WESTFIELD 3 SW	309189	N4217	W07937	975	48.4	264	360	573	643	719	810	939	1046	1077	1167	1247			
WEST POINT	309292	N4123	W07358	320	51.6	143	207	358	411	469	540	642	730	756	831	899			

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New York																				
WHITEHALL	309389	N4333	W07324	119	47.3	637	765	1007	1077	1151	1235	1347	1436	1461	1532	1594				
North Carolina																				
ALBEMARLE 4 N	310090	N3525	W08012	620	59.7	6	10	23	28	34	42	53	64	67	76	85				
ANDREWS 2 E	310184	N3512	W08348	1827	54.7	22	37	80	96	116	140	178	212	222	253	281				
ASHEBORO 2 W	310286	N3542	W07950	870	59.8	8	14	29	34	41	49	61	72	75	84	93				
ASHEVILLE	310301	N3536	W08232	2242	56.1	16	27	62	76	92	113	146	176	185	212	238				
BANNER ELK	310506	N3610	W08152	3750	49.2	60	98	203	243	290	349	439	520	545	617	685				
BENT CREEK	310724	N3530	W08236	2110	54.7	18	30	64	77	92	112	142	168	177	201	223				
BLACK MOUNTAIN	310843	N3537	W08219	2395	55.4	13	23	52	64	77	95	122	147	154	177	199				
BREVARD	311055	N3514	W08244	2155	55.4	12	21	47	58	70	86	111	134	141	161	181				
BURLINGTON FILTER PL	311239	N3605	W07925	636	59.3	9	16	35	42	51	62	79	94	99	112	125				
CANTON 1 SW	311441	N3532	W08251	2662	53.2	21	36	81	99	120	146	188	226	238	272	305				
CELO 2 S	311624	N3550	W08211	2700	51.0	44	71	144	171	203	244	305	359	375	424	469				
CHAPEL HILL 2 W	311677	N3555	W07906	500	58.3	11	19	44	53	65	79	102	123	129	148	166				
CONCORD	311975	N3525	W08036	690	59.8	8	13	28	34	40	49	62	73	77	87	97				
COWEETA EXP STATION	312102	N3502	W08326	2240	54.2	16	28	63	77	93	115	147	177	187	214	240				
CULLOWHEE	312200	N3519	W08311	2192	55.7	11	20	48	60	74	93	122	149	158	183	208				
DURHAM	312515	N3602	W07858	406	58.8	9	15	34	41	50	61	78	93	98	112	125				
EDENTON	312635	N3603	W07637	20	61.1	4	7	15	18	21	25	31	37	38	43	47				
ELIZABETH CITY	312719	N3619	W07612	8	60.1	8	13	25	29	34	40	49	57	59	66	72				
ELIZABETH CITY FAA AP	312724	N3616	W07611	10	60.2	8	13	24	28	33	38	46	53	56	62	68				
FAYETTEVILLE	313017	N3504	W07852	96	60.8	6	10	21	25	30	36	45	53	56	63	69				
FLETCHER 2 NE	313101	N3527	W08229	2095	53.1	19	37	93	117	146	185	248	307	325	381	435				
FRANKLIN 1 SSW	313228	N3511	W08323	2113	55.9	11	19	45	55	67	83	108	131	137	158	178				
GASTONIA	313356	N3517	W08111	830	60.6	5	8	19	23	27	33	43	51	53	61	68				
GOLDSBORO 1 SSW	313510	N3521	W07801	82	61.1	8	13	25	29	34	41	50	59	61	68	75				
GREENSBORO WSO	313630	N3605	W07957	897	57.9	16	26	52	62	73	88	109	128	134	151	166				
HAMLET	313784	N3454	W07942	350	61.0	7	11	25	30	36	44	55	66	69	78	87				
HATTERAS	313897	N3513	W07541	5	62.9	0	0	3	5	7	9	14	19	20	25	30				
HENDERSONVILLE 1 NE	313976	N3520	W08227	2153	55.1	15	25	56	68	83	101	130	156	164	187	209				
HICKORY FAA AP	314020	N3545	W08123	1142	58.1	9	16	36	43	53	65	84	101	106	122	137				
HIGHLANDS 2 S	314055	N3501	W08312	3350	52.7	17	30	69	84	102	126	163	196	207	237	267				
HIGH POINT	314063	N3557	W08000	912	59.3	10	16	34	40	48	58	72	85	89	100	111				
HOT SPRINGS 2	314265	N3554	W08250	1480	57.2	17	30	65	79	96	117	149	179	188	214	240				

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North Carolina																			
JACKSON	314456	N3624	W07725	125	59.5	8	14	32	39	48	58	75	90	94	108	121			
KINSTON 5 SE	314684	N3513	W07732	55	60.8	7	12	24	29	34	41	50	59	61	69	76			
LAURINBURG	314860	N3447	W07927	226	62.7	3	5	13	16	20	25	32	39	41	47	53			
LENOIR	314938	N3555	W08132	1294	58.0	9	16	33	39	46	56	70	82	86	97	108			
LEXINGTON	314970	N3549	W08016	810	60.6	7	11	25	30	37	45	57	68	71	81	91			
LOUISBURG	315123	N3606	W07819	260	57.5	13	23	54	66	81	101	132	160	169	195	220			
LUMBERTON 6 NW	315177	N3442	W07904	132	61.2	4	8	20	25	31	39	52	63	67	77	88			
MARION	315340	N3541	W08200	1425	58.4	8	13	31	38	47	57	74	90	94	109	122			
MARSHALL	315356	N3548	W08240	2010	54.7	21	36	83	101	123	152	196	236	249	286	321			
MAYSVILLE 6 SW	315420	N3450	W07718	44	60.9	5	9	18	22	26	31	40	47	49	55	61			
MONCURE 3 SE	315763	N3535	W07903	202	58.1	14	23	45	54	63	75	93	109	114	128	141			
MONROE 4 SE	315771	N3458	W08030	586	60.6	7	11	24	28	34	41	51	61	63	72	80			
MOREHEAD CITY 2 WNW	315830	N3444	W07644	10	63.1	1	2	7	10	13	17	23	30	32	38	45			
MORGANTON	315838	N3545	W08141	1160	58.4	8	13	28	34	41	50	64	76	80	91	101			
MOUNT AIRY	315890	N3631	W08037	1090	56.8	12	22	49	60	72	89	114	137	144	165	185			
NASHVILLE	316044	N3558	W07758	205	59.7	12	18	34	39	46	53	65	75	78	86	94			
NEW BERN FAA AP	316108	N3505	W07702	18	62.2	3	5	13	16	20	25	32	39	41	47	52			
NEW HOLLAND	316135	N3527	W07611	2	61.9	1	3	10	13	17	21	29	36	39	45	52			
OXFORD 2 SW	316507	N3617	W07837	500	59.4	11	17	34	41	48	57	70	82	86	97	106			
PISGAH FOREST 1 N	316805	N3516	W08242	2110	54.2	17	30	69	84	103	128	166	201	212	244	275			
PLYMOUTH 5 E	316853	N3552	W07639	21	60.4	6	10	22	26	31	37	46	55	57	65	72			
RALEIGH DURHAM WSO	317069	N3552	W07847	434	59.0	8	15	36	45	55	69	90	110	116	134	151			
RALEIGH-N C STATE UNIV	317079	N3547	W07842	400	60.0	10	16	32	38	45	54	67	79	83	93	102			
REIDSVILLE 2 NW	317202	N3623	W07942	890	58.0	11	20	49	61	75	94	124	152	161	187	212			
SALISBURY	317615	N3540	W08029	764	59.6	9	15	29	35	41	49	60	71	74	83	91			
SHELBY 2 NNE	317845	N3519	W08132	920	58.6	7	13	31	38	46	56	73	88	93	107	120			
SILER CITY 2 NW	317924	N3544	W07930	625	57.4	16	27	55	66	78	94	117	138	145	163	181			
SLOAN 3 S	317974	N3447	W07749	50	61.6	4	7	16	20	24	30	38	46	48	55	62			
SMITHFIELD	317994	N3531	W07821	146	60.9	6	10	20	25	29	35	45	53	55	63	69			
SOUTHPORT 5 N	318113	N3400	W07801	20	63.0	0	1	6	8	12	16	24	32	35	44	52			
STATESVILLE 2 NNE	318292	N3549	W08053	950	58.0	7	13	37	48	61	78	106	134	142	168	194			
TARBORO 1 S	318500	N3553	W07732	35	60.5	10	15	28	32	37	43	51	58	60	67	72			
TRANSOU	318694	N3625	W08117	3300	50.6	39	67	149	181	220	270	347	418	440	505	566			
TRYON	318744	N3513	W08214	1075	60.0	3	6	15	20	25	32	43	53	56	66	76			

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North Carolina																				
WADESBORO	318964	N3457	W08004	423	60.9	7	11	23	27	33	39	49	57	60	68	75				
WAYNESVILLE 1 E	319147	N3529	W08257	2658	53.7	20	35	79	97	118	145	187	226	238	274	307				
WILLARD 4 SW	319423	N3439	W07802	55	62.2	2	5	12	15	19	23	30	37	39	45	51				
WILSON 2 W	319476	N3543	W07756	145	60.5	9	14	26	31	36	43	53	61	64	71	78				
North Dakota																				
ALMONT 7 W	320136	N4643	W10139	2300	42.4	1117	1384	1914	2072	2241	2434	2697	2907	2968	3138	3287				
AMENIA	320196	N4700	W09713	954	41.4	1648	1915	2403	2541	2683	2844	3055	3220	3266	3396	3509				
AMIDON	320209	N4629	W10319	2910	42.1	1045	1285	1758	1898	2047	2217	2448	2632	2685	2833	2964				
ASHLEY	320382	N4602	W09922	2001	40.9	1513	1780	2274	2416	2563	2729	2948	3121	3170	3306	3425				
BISMARCK WSO //	320819	N4646	W10046	1647	41.3	1451	1714	2205	2346	2493	2659	2879	3053	3102	3239	3359				
BOTTINEAU	320941	N4850	W10027	1640	36.9	2356	2645	3149	3287	3428	3585	3788	3944	3988	4109	4214				
BOWBELLS	320961	N4848	W10215	1958	38.0	1859	2169	2736	2898	3065	3253	3501	3695	3750	3903	4035				
BOWMAN COURT HOUSE	320995	N4611	W10323	2980	42.4	957	1201	1691	1840	1998	2181	2430	2631	2689	2852	2996				
BUTTE	321225	N4750	W10040	1740	40.4	1639	1912	2413	2555	2702	2868	3087	3258	3306	3441	3558				
CARRINGTON	321360	N4727	W09908	1586	38.7	1880	2169	2691	2838	2990	3160	3383	3557	3606	3742	3860				
CARSON	321370	N4625	W10134	2310	41.0	1309	1599	2163	2331	2507	2708	2980	3196	3258	3432	3585				
CAVALIER	321435	N4848	W09738	890	38.9	1944	2259	2834	2997	3165	3354	3604	3798	3853	4007	4139				
CENTER	321456	N4707	W10118	2100	40.8	1391	1664	2181	2332	2489	2668	2906	3094	3148	3298	3429				
COOPERSTOWN	321766	N4726	W09807	1428	40.2	1776	2049	2543	2682	2825	2986	3197	3361	3407	3536	3648				
CROSBY	321871	N4854	W10318	1952	39.6	1677	1964	2493	2644	2800	2977	3210	3393	3444	3589	3714				
DICKINSON FAA AIRPORT //	322183	N4647	W10248	2585	41.7	1164	1404	1865	1999	2141	2302	2518	2689	2738	2874	2994				
DICKINSON EXP STATION	322188	N4653	W10248	2460	40.7	1243	1514	2038	2193	2356	2542	2792	2992	3049	3209	3349				
DRAKE	322298	N4755	W10022	1636	39.1	1799	2098	2647	2803	2965	3147	3387	3575	3628	3776	3904				
DUNN CENTER 2 SW	322365	N4721	W10239	2232	40.3	1401	1681	2213	2367	2530	2714	2960	3155	3211	3366	3502				
EDMORE 1 N	322525	N4825	W09828	1520	37.1	2186	2506	3079	3240	3404	3589	3830	4018	4071	4218	4345				
ELLENDALE	322605	N4601	W09832	1460	42.6	1302	1558	2043	2183	2331	2498	2721	2897	2948	3088	3211				
FESSENDEN	322949	N4739	W09937	1620	40.6	1616	1901	2429	2580	2737	2914	3149	3334	3386	3532	3658				
FORMAN 5 SSE	323117	N4602	W09736	1250	41.9	1501	1766	2256	2396	2542	2707	2925	3096	3144	3280	3398				
FORT YATES	323207	N4606	W10038	1653	43.6	1089	1339	1831	1978	2132	2310	2550	2742	2797	2952	3087				
FOXHOLM 7 N	323217	N4827	W10134	1609	40.4	1545	1835	2377	2534	2697	2882	3128	3322	3377	3531	3665				
FULLERTON 1 ESE	323287	N4609	W09824	1439	42.2	1416	1673	2152	2290	2433	2595	2810	2980	3028	3162	3278				
GACKLE	323309	N4638	W09908	1951	41.3	1572	1833	2313	2449	2591	2750	2959	3123	3170	3299	3411				
GARRISON	323376	N4739	W10125	1910	39.6	1646	1936	2474	2628	2788	2969	3208	3395	3449	3597	3726				
GRAFTON	323594	N4825	W09725	827	39.4	1976	2265	2784	2928	3078	3244	3463	3632	3680	3813	3928				

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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North Dakota																			
GRAND FORKS FAA AP	323616	N4757	W09711	839	38.9	2002	2294	2819	2966	3117	3286	3507	3679	3728	3862	3978			
GRAND FORKS UNIVERSITY	323621	N4756	W09705	830	39.9	1868	2155	2674	2820	2971	3140	3361	3534	3583	3718	3836			
GRANVILLE	323686	N4816	W10051	1504	40.0	1664	1949	2475	2625	2780	2955	3187	3368	3420	3563	3688			
GRENORA	323736	N4837	W10356	2131	40.2	1494	1787	2342	2504	2673	2864	3120	3323	3380	3541	3682			
HANKINSON R R STATION	323908	N4604	W09654	1068	41.3	1593	1851	2321	2455	2593	2748	2952	3111	3156	3282	3391			
HANNAH 2 N	323936	N4900	W09841	1575	36.0	2457	2771	3322	3474	3629	3801	4026	4199	4247	4382	4498			
HANSBORO 3 W	323963	N4857	W09927	1684	37.2	2053	2368	2939	3100	3265	3451	3695	3884	3938	4087	4216			
HETTINGER	324178	N4559	W10239	2680	42.6	924	1169	1669	1822	1985	2174	2433	2642	2702	2873	3024			
HILLSBORO	324203	N4724	W09704	899	41.1	1722	1994	2488	2627	2771	2932	3145	3310	3357	3487	3600			
JAMESTOWN FAA AIRPORT	324413	N4655	W09841	1492	40.4	1656	1925	2415	2553	2697	2858	3070	3236	3283	3414	3527			
JAMESTOWN ST HOSPITAL	324418	N4653	W09841	1457	41.5	1530	1785	2252	2385	2522	2677	2881	3041	3086	3212	3321			
KENMARE 1 WSW	324646	N4840	W10206	1810	38.6	1729	2034	2599	2760	2928	3118	3369	3566	3622	3778	3914			
LANGDON EXP FARM	324958	N4845	W09820	1615	36.6	2327	2637	3186	3337	3493	3666	3891	4066	4115	4251	4368			
LARIMORE	325013	N4755	W09738	1130	39.7	1858	2144	2661	2806	2956	3124	3344	3516	3565	3700	3817			
LEEDS	325078	N4817	W09926	1515	38.4	1948	2263	2839	3002	3171	3360	3610	3805	3860	4014	4147			
LINTON	325210	N4616	W10014	1685	42.7	1278	1546	2063	2214	2373	2555	2798	2991	3046	3201	3337			
LISBON	325220	N4626	W09740	1089	41.9	1532	1780	2233	2361	2494	2643	2839	2993	3036	3157	3262			
MANDAN EXP STATION	325479	N4648	W10054	1750	41.0	1453	1730	2250	2400	2557	2735	2972	3159	3212	3361	3491			
MAX	325638	N4749	W10118	2099	38.7	1802	2093	2626	2777	2933	3108	3339	3520	3570	3712	3836			
MAYVILLE	325660	N4730	W09719	975	40.6	1766	2044	2551	2693	2841	3006	3224	3394	3442	3575	3691			
MCCLUSKY	325710	N4729	W10028	1943	40.5	1637	1917	2434	2581	2734	2906	3134	3312	3363	3504	3626			
MCHENRY 5 NNW	325730	N4738	W09837	1545	38.2	1939	2245	2801	2958	3119	3301	3540	3727	3779	3926	4053			
MCLEOD 3 E	325754	N4624	W09714	1075	41.9	1586	1843	2312	2444	2582	2736	2939	3098	3143	3268	3376			
MEDORA	325813	N4655	W10331	2270	43.0	981	1220	1697	1841	1993	2169	2407	2598	2653	2808	2945			
MINOT FAA AP	325988	N4816	W10117	1713	40.2	1569	1838	2333	2474	2621	2786	3004	3175	3224	3359	3476			
MINOT EXP STATION	325993	N4811	W10118	1769	39.2	1782	2071	2598	2748	2902	3075	3304	3482	3533	3673	3795			
MOHALL	326025	N4846	W10131	1645	38.5	1897	2188	2716	2864	3017	3189	3414	3589	3639	3776	3896			
MOTT	326155	N4623	W10220	2420	41.7	1110	1366	1867	2017	2174	2356	2600	2796	2852	3010	3148			
NAPOLEON	326255	N4630	W09946	1955	40.7	1587	1858	2359	2502	2650	2817	3038	3211	3260	3396	3515			
NEW ENGLAND	326315	N4633	W10252	2621	42.0	1051	1297	1783	1929	2083	2259	2498	2690	2745	2899	3035			
NEW SALEM 6 WNW	326365	N4652	W10132	2115	41.2	1333	1608	2135	2289	2451	2635	2882	3078	3134	3291	3428			
PARK RIVER	326857	N4823	W09745	998	40.3	1882	2151	2631	2765	2902	3056	3257	3413	3457	3579	3684			
PEMBINA 1 S	326947	N4857	W09714	792	37.6	2287	2599	3152	3305	3462	3638	3866	4043	4093	4231	4350			
PETERSBURG 2 N	327027	N4802	W09800	1525	37.4	2149	2464	3027	3185	3347	3529	3766	3951	4003	4147	4272			

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North Dakota																				
PETTIBONE	327047	N4707	W09931	1855	39.9	1726	2014	2541	2691	2846	3020	3251	3431	3482	3624	3747				
POWERS LAKE 1 N	327281	N4834	W10238	2205	37.3	1996	2303	2858	3014	3175	3355	3592	3777	3829	3974	4099				
RICHARDTON ABBEY	327530	N4653	W10219	2470	42.4	1095	1347	1841	1989	2144	2323	2564	2758	2813	2968	3105				
RIVERDALE	327585	N4730	W10121	1950	39.9	1610	1886	2395	2539	2690	2859	3083	3259	3309	3447	3568				
ROLLA	327664	N4852	W09937	1819	37.2	2193	2473	2964	3100	3238	3392	3592	3747	3790	3910	4014				
RUGBY	327704	N4822	W10000	1550	40.1	1802	2086	2602	2748	2898	3067	3289	3463	3512	3648	3766				
SAN HAVEN	327824	N4850	W10002	1920	37.6	2101	2394	2915	3060	3209	3376	3592	3761	3808	3939	4053				
SHARON	327986	N4736	W09754	1516	39.0	1925	2221	2756	2906	3061	3235	3464	3642	3692	3832	3953				
STANLEY 3 NNW	328276	N4821	W10225	2280	38.2	1757	2067	2641	2805	2976	3169	3424	3624	3681	3839	3977				
STEELE	328366	N4651	W09955	1857	41.2	1453	1734	2264	2418	2579	2761	3004	3196	3250	3403	3536				
VELVA	328990	N4803	W10055	1511	40.8	1552	1818	2308	2447	2592	2756	2971	3141	3189	3322	3438				
WAHPETON	329100	N4616	W09636	960	42.7	1485	1732	2185	2314	2448	2598	2796	2951	2995	3117	3223				
WASHBURN	329195	N4717	W10102	1760	42.0	1329	1591	2085	2229	2379	2550	2778	2958	3009	3152	3278				
WESTHOPE	329333	N4855	W10101	1504	38.1	2066	2369	2911	3062	3218	3393	3621	3798	3848	3987	4107				
WILLOW CITY	329445	N4837	W10018	1470	37.1	2224	2541	3109	3267	3429	3611	3848	4033	4084	4229	4353				
Ohio																				
AKRON CANTON WSO	330058	N4055	W08126	1208	49.5	204	293	506	579	660	759	902	1024	1060	1164	1260				
ASHLAND	330256	N4052	W08218	1050	49.3	216	311	539	617	704	811	964	1096	1135	1247	1350				
ASHTABULA	330264	N4151	W08048	690	49.2	173	258	474	550	636	743	899	1035	1075	1193	1302				
ATHENS 5 NW	330274	N3923	W08211	685	51.8	88	143	296	354	422	509	640	757	793	898	997				
BARNESVILLE WATER WKS	330430	N3958	W08110	1140	48.9	191	280	498	574	660	765	918	1049	1088	1201	1305				
BELLEFONTAINE SEWAGE	330563	N4021	W08346	1185	50.6	171	255	468	543	629	734	889	1023	1063	1179	1286				
BOWLING GREEN SWG PL	330862	N4123	W08338	675	50.6	192	280	495	569	652	754	902	1029	1067	1176	1276				
BUCYRUS	331072	N4049	W08259	1005	49.1	230	332	576	659	753	866	1031	1171	1213	1333	1443				
CADIZ	331152	N4016	W08100	1260	51.4	132	196	358	415	480	560	677	778	808	896	976				
CALDWELL 6 NW	331178	N3949	W08136	980	51.8	97	155	317	378	449	539	675	796	832	941	1042				
CAMBRIDGE SEWAGE PLANT	331197	N4002	W08136	800	51.7	94	151	311	372	442	531	667	788	825	933	1035				
CANFIELD 1 S	331245	N4100	W08046	1140	49.1	174	260	477	554	641	748	905	1042	1083	1201	1311				
CHARDON	331458	N4135	W08113	1210	47.8	278	387	637	720	811	921	1078	1210	1249	1360	1461				
CHARLES MILL DAM	331466	N4044	W08222	1025	47.9	235	344	612	705	810	939	1126	1288	1335	1475	1602				
CHILO MELDAHL DAM	331536	N3848	W08410	500	53.5	54	96	227	281	345	429	562	686	724	839	948				
CHIPPEWA LAKE	331541	N4105	W08154	1040	49.2	216	308	528	603	686	788	934	1058	1094	1200	1297				
CINCINNATI ABBE WSMO	331561	N3909	W08431	760	54.5	56	96	217	265	322	397	513	619	652	749	842				
CIRCLEVILLE	331592	N3937	W08257	670	53.6	66	113	252	307	373	457	588	708	745	854	958				

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Ohio																			
COLUMBUS SULLIVANT AVE	331781	N3957	W08307	875	52.6	102	162	326	388	459	548	684	804	840	948	1048			
COLUMBUS VALLEY CROSS	331783	N3954	W08255	733	52.2	94	153	317	379	451	544	684	810	848	960	1066			
COSHOCTON SEWAGE PL	331890	N4015	W08152	760	50.9	103	169	358	430	515	624	791	941	987	1122	1250			
DAYTON	332067	N3946	W08411	745	53.8	79	133	291	353	426	521	666	799	839	960	1074			
DAYTON WSO	332075	N3954	W08412	1002	51.9	143	217	406	474	551	647	788	911	948	1056	1155			
DEFIANCE	332098	N4117	W08423	700	48.6	336	452	708	790	880	988	1138	1262	1299	1403	1496			
DELAWARE	332119	N4017	W08304	860	50.1	154	239	464	545	639	757	933	1087	1133	1270	1396			
ELYRIA 3 E	332599	N4123	W08204	730	50.3	165	246	451	524	606	708	857	986	1025	1137	1240			
FINDLAY FAA AP	332786	N4101	W08340	797	49.8	220	320	562	646	740	854	1021	1163	1205	1328	1440			
FINDLAY SEWAGE PLANT	332791	N4103	W08340	768	49.3	243	348	598	684	779	895	1062	1205	1247	1369	1479			
FREDERICKTOWN	332956	N4029	W08232	1145	48.8	208	315	590	688	800	939	1144	1323	1376	1533	1677			
GALLIPOLIS 5 W	333029	N3850	W08217	673	54.8	37	66	157	194	239	298	391	477	504	584	661			
GREENVILLE WATER PLT	333375	N4006	W08439	1024	49.4	204	303	551	637	736	857	1034	1187	1233	1366	1488			
HAMILTON-FAIRFIELD	333483	N3921	W08435	575	54.0	58	101	229	280	341	421	544	658	693	797	896			
HILLSBORO	333758	N3912	W08337	1100	52.4	95	153	315	377	448	538	676	799	836	946	1049			
HIRAM	333780	N4119	W08109	1250	49.2	228	321	540	613	695	794	935	1055	1090	1191	1284			
IRONTON	333971	N3832	W08240	555	56.0	27	50	130	163	205	261	351	436	462	543	622			
IRWIN	333987	N4007	W08329	1010	50.7	153	235	447	523	611	720	882	1024	1067	1191	1306			
JACKSON 2 NW	334004	N3904	W08239	700	51.6	94	153	320	383	457	552	696	825	864	980	1089			
KENTON	334189	N4038	W08336	980	49.9	194	289	527	611	706	823	995	1143	1188	1317	1436			
LANCASTER 2 NW	334383	N3944	W08238	860	51.3	105	175	377	455	547	665	847	1011	1061	1210	1351			
LIMA SEWAGE PLANT	334551	N4043	W08407	860	51.0	178	262	471	544	627	728	876	1003	1041	1151	1253			
LONDON WATER WORKS	334681	N3953	W08327	1020	51.3	118	187	377	448	530	634	791	930	972	1096	1212			
MANSFIELD 6 W	334874	N4045	W08238	1310	48.2	284	388	622	699	783	883	1025	1143	1178	1278	1367			
MARYSVILLE	334979	N4014	W08322	1000	50.0	178	266	488	566	655	765	926	1065	1107	1228	1340			
MC CONNELSVILLE LOCK 7	335041	N3939	W08151	710	51.9	103	164	333	397	470	563	704	829	867	979	1083			
MILFORD	335268	N3910	W08418	570	53.1	58	106	264	330	410	518	690	852	902	1054	1201			
MILLERSBURG 1 W	335297	N4033	W08156	930	50.3	142	216	404	471	548	643	784	907	943	1050	1149			
MILLPORT 2 NW	335315	N4043	W08054	1145	48.9	182	271	495	574	663	773	935	1074	1116	1237	1349			
MINERAL RIDGE WTR WKS	335356	N4109	W08047	890	50.4	143	217	407	475	552	648	789	913	950	1058	1157			
MONTPELIER 1 WSW	335438	N4135	W08434	840	49.0	246	358	628	722	827	955	1141	1300	1347	1484	1609			
NAPOLEON WATER WORKS	335669	N4123	W08408	680	50.7	202	291	505	578	660	760	905	1028	1064	1170	1266			
NEWARK WATER WORKS	335747	N4005	W08225	835	51.4	99	163	342	411	491	594	750	891	934	1061	1180			
NEW LEXINGTON 2 NW	335857	N3944	W08213	890	51.4	109	173	345	409	484	577	718	843	881	992	1096			

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Ohio																		
NORWALK SEWAGE PLANT	336118	N4116	W08237	670	49.6	190	281	508	587	677	788	949	1088	1130	1251	1361		
OBERLIN	336196	N4118	W08213	817	49.4	213	305	523	597	679	780	924	1047	1083	1188	1284		
PAINESVILLE 4 NW	336389	N4145	W08118	600	50.1	132	202	383	448	522	615	752	872	907	1012	1110		
PANDORA 2 NE	336405	N4059	W08357	760	49.8	228	329	570	653	745	858	1021	1160	1201	1320	1429		
PAULDING	336465	N4107	W08436	725	49.2	261	373	642	734	836	960	1140	1292	1337	1468	1587		
PEEBLES	336493	N3857	W08325	810	53.8	58	98	213	258	311	380	485	581	610	698	780		
PHILO 3 SW	336600	N3950	W08155	1020	52.1	99	158	321	382	453	542	678	798	834	942	1043		
PLYMOUTH	336729	N4100	W08240	1013	49.4	192	292	553	647	754	888	1086	1259	1311	1462	1603		
PORTSMOUTH	336781	N3845	W08255	540	55.1	41	72	164	202	246	304	395	478	504	581	654		
PUT IN BAY PERRY MON	336882	N4139	W08248	580	51.1	165	245	444	514	593	691	834	957	994	1101	1200		
SANDUSKY	337447	N4127	W08243	606	50.6	164	248	461	537	624	731	889	1027	1068	1189	1300		
SENECAVILLE DAM	337559	N3955	W08126	875	50.3	118	194	411	495	593	718	909	1082	1134	1290	1436		
STEUBENVILLE WATER WKS	338025	N4023	W08038	992	51.7	106	166	326	384	452	537	664	776	810	909	1001		
TIFFIN	338313	N4107	W08310	760	50.9	157	236	437	509	590	691	839	968	1006	1119	1222		
UPPER SANDUSKY	338534	N4050	W08317	860	51.0	152	230	431	502	584	686	836	967	1006	1120	1225		
URBANA SEWAGE PLANT	338552	N4006	W08347	1000	49.9	204	298	525	604	693	801	958	1093	1133	1249	1355		
VAN WERT	338609	N4052	W08435	795	50.8	170	258	482	563	654	768	936	1082	1126	1254	1372		
WARREN 3 S	338769	N4112	W08049	900	49.4	165	250	465	541	629	737	896	1035	1077	1198	1310		
WASHINGTON COURT HOUSE	338794	N3931	W08325	960	52.2	91	149	310	372	444	535	675	800	838	951	1057		
WAUSEON WASTE WTR PLT	338822	N4133	W08408	740	48.5	334	447	692	770	856	958	1099	1217	1251	1349	1436		
WAVERLY	338830	N3908	W08300	600	53.0	81	130	265	316	375	450	563	665	695	786	871		
WILMINGTON	339219	N3927	W08350	1026	51.7	99	163	345	415	497	602	762	907	951	1081	1204		
WOOSTER EXP STATION	339312	N4047	W08155	1020	48.8	212	306	536	615	704	812	968	1102	1142	1257	1362		
XENIA 5 SSE	339361	N3938	W08354	915	51.9	94	155	326	392	469	567	718	853	895	1017	1132		
YOUNGSTOWN WSO	339406	N4116	W08040	1178	48.3	273	375	604	680	762	862	1002	1120	1154	1253	1342		
ZANESVILLE FAA AP	339417	N3957	W08154	881	51.0	123	190	366	431	504	596	733	853	889	995	1093		
Oklahoma																		
ADA	340017	N3447	W09641	1015	62.1	12	21	49	61	74	92	119	145	152	176	198		
ALTUS IRR. RESCH STN	340179	N3435	W09920	1380	62.8	11	20	47	58	71	88	116	141	149	172	194		
ALVA	340193	N3648	W09839	1374	59.3	32	55	123	151	183	225	291	351	369	424	476		
ANADARKO	340224	N3504	W09814	1180	61.3	12	23	59	74	93	118	157	195	206	242	276		
ANTLERS 2 ENE	340256	N3415	W09536	465	62.0	6	12	32	40	50	64	86	107	113	133	152		
ARDMORE	340292	N3410	W09708	880	64.7	7	12	28	34	42	51	66	79	83	96	107		
ARNETT	340332	N3608	W09946	2455	57.5	35	60	134	163	198	243	313	377	396	454	510		

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (⁰F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (⁰ F)	Air Freezing Index Return Periods (⁰ F-Days) & Associated Probabilities (%)											
						1.1 Year (10%)	1.2 Year (20%)	2 Year (50%)	2.5 Year (60%)	3.3 Year (70%)	5 Year (80%)	10 Year (90%)	20 Year (95%)	25 Year (96%)	50 Year (98%)	100 Year (99%)	
Oklahoma																	
BARTLESVILLE 2 W	340548	N3645	W09600	715	59.5	26	46	104	127	155	191	248	300	316	363	409	
BEAVER 1 SW	340593	N3648	W10031	2500	57.3	40	68	149	180	218	266	341	409	429	491	550	
BIXBY 2 NE	340782	N3558	W09552	600	59.7	15	31	89	116	149	195	272	346	370	443	515	
BOISE CITY 2 E	340908	N3644	W10229	4145	55.6	34	56	118	142	170	206	260	309	324	368	409	
BRISTOW	341144	N3550	W09624	825	60.7	15	29	71	89	110	138	184	226	239	279	317	
BUFFALO	341243	N3650	W09937	1795	59.6	26	46	107	132	161	200	260	315	332	383	431	
CARNEGIE 4 ENE	341504	N3508	W09833	1340	61.3	15	27	65	80	99	123	162	198	209	242	274	
CHANDLER NO 1	341684	N3542	W09653	960	61.1	14	27	72	90	113	144	194	242	257	302	345	
CHATTANOOGA 3 NE	341706	N3427	W09837	1154	62.5	11	20	47	57	69	86	111	134	141	162	182	
CHEROKEE POWER PLANT	341724	N3646	W09821	1180	59.8	30	52	116	142	172	211	272	327	344	395	443	
CHICKASHA EXP STATION	341750	N3503	W09755	1085	61.4	9	18	53	69	88	115	160	203	217	259	301	
CLAREMORE 2 ENE	341828	N3619	W09535	588	59.2	21	40	102	128	160	203	272	337	357	419	478	
CLEVELAND	341900	N3619	W09628	815	60.6	15	29	76	96	121	155	210	262	279	329	377	
CLINTON	341909	N3531	W09858	1610	60.4	16	30	75	93	116	146	193	238	252	294	334	
CUSHING	342318	N3559	W09646	950	59.8	21	40	101	126	158	200	267	331	351	411	469	
DUNCAN	342660	N3430	W09757	1125	62.9	10	18	46	58	72	91	121	149	158	185	210	
ENID	342912	N3625	W09752	1245	60.3	17	34	92	118	149	192	262	329	350	414	477	
ERICK 4 E	342944	N3512	W09948	1985	60.1	16	29	71	89	110	138	183	225	238	277	315	
FORT SUPPLY DAM	343304	N3633	W09935	2075	58.9	26	46	113	141	174	218	289	354	374	436	495	
FREDERICK	343353	N3424	W09901	1300	63.9	6	12	38	50	66	87	123	158	170	205	239	
GAGE FAA AIRPORT	343407	N3618	W09946	2191	57.7	41	66	136	163	194	233	292	346	362	409	454	
GEARY	343497	N3537	W09819	1575	60.4	16	31	83	104	132	168	227	283	300	354	406	
GOODWELL	343628	N3636	W10139	3297	56.5	39	65	139	168	202	245	312	372	391	445	497	
GUTHRIE 2 WNW	343821	N3553	W09727	980	60.6	19	34	80	99	122	151	198	241	254	294	332	
HAMMON	343871	N3538	W09923	1780	59.7	11	25	78	104	136	181	258	334	359	435	511	
HENNESSEY 1 N	344055	N3607	W09754	1170	60.3	18	34	90	114	144	184	248	310	329	387	444	
HOBART FAA AIRPORT	344204	N3500	W09903	1552	60.4	19	34	80	98	121	150	196	239	252	291	329	
HOLDENVILLE	344235	N3505	W09624	915	61.8	10	19	50	64	81	103	140	175	186	219	251	
HOLLIS	344249	N3441	W09955	1615	62.6	10	19	45	56	70	87	115	141	149	173	195	
HOOVER 1 N	344298	N3653	W10113	3015	56.8	41	66	137	163	194	234	294	347	363	411	456	
HUGO	344384	N3401	W09530	570	63.6	5	10	23	29	35	44	57	69	73	84	95	
HULAH DAM	344393	N3655	W09606	744	58.1	36	63	146	179	219	272	354	430	453	523	590	
IDABEL	344451	N3353	W09449	460	62.8	4	8	22	27	34	44	59	73	77	91	103	
JAY	344564	N3625	W09448	1040	58.6	18	34	90	113	143	182	246	307	326	384	440	

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)														
						1.1 Year (10%)	1.2 Year (20%)	2 Year (50%)	2.5 Year (60%)	3.3 Year (70%)	5 Year (80%)	10 Year (90%)	20 Year (95%)	25 Year (96%)	50 Year (98%)	100 Year (99%)				
Oklahoma																				
JEFFERSON	344573	N3643	W09748	1070	59.7	24	43	108	134	167	210	279	344	364	425	483				
KENTON	344766	N3654	W10258	4350	55.9	35	54	106	125	147	175	216	252	263	295	325				
KINGFISHER	344861	N3551	W09756	1060	60.6	16	31	83	105	132	168	227	283	301	354	406				
LAWTON	345063	N3437	W09827	1150	62.1	9	19	50	64	81	104	141	176	188	221	254				
MADILL	345468	N3405	W09646	770	63.3	8	14	32	40	49	60	78	94	99	115	129				
MANGUM RESEARCH STA	345509	N3450	W09926	1520	62.1	12	22	52	64	79	99	130	158	167	194	219				
MARIETTA 3 NW	345563	N3359	W09707	865	63.3	7	13	32	40	49	61	80	98	104	121	137				
MCALESTER FAA AIRPORT	345664	N3453	W09547	760	61.4	11	22	58	73	92	118	159	198	210	247	283				
MEEKER 1 E	345779	N3530	W09653	945	60.5	16	29	73	91	113	143	190	234	248	289	329				
MIAMI	345855	N3653	W09452	795	59.1	18	35	100	129	165	215	297	376	402	479	555				
MUSKOGEE	346130	N3545	W09520	595	61.1	13	24	61	77	96	121	161	198	210	246	280				
MUTUAL	346139	N3614	W09910	1865	58.7	21	40	106	135	170	218	295	369	392	463	532				
NEWKIRK	346278	N3653	W09704	1135	59.0	31	55	130	161	197	245	321	391	413	478	540				
NOWATA	346485	N3642	W09538	720	59.4	24	43	102	126	156	194	255	311	329	381	431				
OKEENE	346629	N3607	W09819	1200	60.9	15	28	76	97	122	156	212	265	282	332	382				
OKEMAH	346638	N3526	W09618	935	61.1	12	24	60	75	94	119	159	197	209	245	279				
OKMULGEE WATER WORKS	346670	N3537	W09601	645	61.0	15	27	66	83	102	128	168	206	218	253	287				
PAULS VALLEY	346926	N3445	W09713	875	62.6	9	17	44	54	68	85	113	140	148	172	196				
PAWHUSKA	346935	N3640	W09621	835	59.3	25	44	105	130	160	200	262	319	337	391	442				
PERRY	347012	N3617	W09718	1025	60.8	16	31	81	103	130	166	224	280	298	351	403				
PONCA CITY FAA AIRPORT	347201	N3644	W09706	999	58.3	36	63	146	180	221	274	357	434	458	529	597				
POTEAU	347246	N3504	W09438	572	62.1	8	16	40	50	62	79	104	129	136	159	181				
PRYOR	347309	N3619	W09519	640	59.3	22	40	98	122	151	190	251	308	326	379	430				
PURCELL	347327	N3500	W09722	1038	60.9	13	25	62	78	97	122	162	200	212	247	281				
SALLISAW	347862	N3528	W09447	531	61.3	9	18	45	56	70	88	117	144	153	178	202				
SEMINOLE	348042	N3514	W09640	865	62.4	11	20	50	63	79	99	132	162	172	201	228				
STILLWATER 2 W	348501	N3607	W09705	895	59.8	15	30	85	109	140	182	251	318	339	403	467				
TAHLEQUAH 1 SE	348677	N3554	W09456	846	60.0	11	22	62	80	103	134	185	235	251	299	346				
TALOGA	348708	N3602	W09858	1705	59.2	19	36	93	117	146	184	247	306	324	379	433				
TULSA WSO //	348992	N3611	W09554	668	60.3	22	40	99	124	154	193	256	315	333	389	442				
VINITA 3 NNE	349203	N3641	W09508	737	58.9	23	42	103	129	161	202	269	331	350	409	465				
WAGONER	349247	N3558	W09522	590	60.8	13	25	69	88	112	145	198	249	265	315	363				
WALTERS	349278	N3421	W09819	995	63.1	10	18	42	51	62	77	99	120	126	145	163				
WAURIKA	349395	N3410	W09800	875	63.8	9	15	34	42	50	62	79	95	100	115	128				

Footnotes:

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Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Oklahoma																			
WAYNOKA	349404	N3635	W09852	1510	60.0	26	46	103	126	153	188	242	292	307	352	396			
WEATHERFORD	349422	N3532	W09842	1650	60.6	15	28	75	95	120	153	207	259	275	324	372			
WEBBERS FALLS	349445	N3531	W09508	480	60.1	13	26	73	94	120	156	215	272	290	345	398			
WICHITA MT WL REF	349629	N3444	W09843	1665	61.0	16	28	62	75	91	111	142	171	179	205	230			
WILBURTON 9 ENE	349634	N3456	W09509	635	61.4	7	15	43	55	70	92	126	160	170	203	234			
WISTER DAM	349724	N3456	W09443	498	61.8	6	13	41	53	70	92	131	169	181	218	255			
WOODWARD FIELD STATION	349762	N3625	W09924	1987	57.9	43	70	147	176	211	254	321	380	398	452	502			
Oregon																			
ANTELOPE 1 N	350197	N4455	W12043	2775	49.2	16	34	107	141	184	246	350	454	487	590	693			
ARLINGTON	350265	N4543	W12012	315	54.5	5	16	74	108	155	229	369	525	578	749	931			
ASHLAND 1 N	350304	N4213	W12243	1780	52.0	5	9	23	29	36	45	60	73	78	90	102			
BAKER FAA AIRPORT	350412	N4450	W11749	3368	45.6	150	236	466	550	648	771	955	1118	1167	1312	1446			
BAKER KBKR	350417	N4447	W11750	3444	47.2	93	153	328	395	474	575	730	870	913	1040	1160			
BANDON 1 E-BATES BOG	350471	N4307	W12423	80	51.4	*	*	0	1	1	2	5	7	8	10	13			
BEND	350694	N4404	W12119	3599	45.8	45	76	165	199	240	293	374	448	470	537	600			
BEULAH	350723	N4355	W11810	3277	49.1	94	151	309	368	437	525	657	775	811	917	1016			
BONNEVILLE DAM	350897	N4538	W12157	60	52.2	5	12	43	58	78	106	155	205	221	272	324			
BROOKINGS	351055	N4203	W12417	80	53.3	*	*	*	*	0	0	0	1	1	1	2			
CHEMULT	351546	N4314	W12147	4760	42.1	231	312	492	550	614	689	796	884	910	984	1050			
CHERRY GROVE 2 S	351552	N4525	W12315	780	50.5	4	9	30	40	53	71	103	134	145	176	208			
CLATSKANIE 3 W	351643	N4606	W12317	92	50.9	1	4	18	26	35	49	75	101	109	137	165			
CLOVERDALE 1 NW	351682	N4513	W12354	20	51.7	0	0	5	8	11	16	27	37	41	53	65			
CONDON	351765	N4514	W12011	2830	47.6	52	89	196	238	288	353	452	543	571	654	733			
CORVALLIS ST COLLEGE	351862	N4438	W12312	225	51.8	2	6	22	30	41	56	83	110	118	146	174			
COTTAGE GROVE 1 S	351897	N4347	W12304	650	51.9	1	3	16	23	32	47	73	101	110	140	172			
COTTAGE GROVE DAM	351902	N4343	W12303	831	51.6	1	4	17	24	35	50	77	107	117	149	182			
CRATER LAKE NP HQ	351946	N4254	W12208	6475	37.8	531	646	870	936	1006	1085	1192	1278	1302	1370	1430			
DALLAS	352112	N4456	W12319	325	51.9	3	7	24	31	41	55	78	101	108	131	153			
DORENA DAM	352374	N4347	W12258	820	51.2	2	5	21	29	39	54	81	108	117	145	173			
DRAIN	352406	N4340	W12319	292	53.1	0	2	11	16	23	34	54	76	83	107	132			
DUFUR	352440	N4527	W12108	1330	49.3	24	48	130	166	210	271	370	466	496	588	677			
ELGIN	352597	N4534	W11755	2655	47.7	42	76	183	227	281	352	464	568	600	698	791			
ELKTON 3 SW	352633	N4336	W12335	114	54.3	0	0	5	8	13	19	32	46	51	66	83			
ENTERPRISE	352672	N4526	W11716	3790	43.4	235	337	580	663	755	867	1029	1167	1208	1326	1433			

Footnotes:

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Oregon																
ESTACADA 2 SE	352693	N4516	W12219	410	51.7	3	7	23	30	39	52	74	95	102	122	143
EUGENE WSO	352709	N4407	W12313	359	52.5	1	5	20	28	39	55	83	113	122	153	185
FERN RIDGE DAM	352867	N4407	W12318	386	52.1	2	5	20	28	38	53	80	107	116	144	173
FOREST GROVE	352997	N4532	W12306	180	52.6	3	7	26	35	47	64	95	125	135	167	199
FOSSIL	353038	N4500	W12013	2650	47.7	29	54	135	169	210	264	351	433	459	536	610
GOLD BEACH RANGER STA	353356	N4224	W12425	50	52.9	*	*	*	*	0	0	1	2	2	3	4
GRANTS PASS	353445	N4226	W12319	925	54.7	1	2	10	13	18	24	35	46	50	61	72
GRIZZLY	353542	N4431	W12056	3639	45.5	38	68	162	200	245	306	400	488	516	597	675
HALFWAY	353604	N4453	W11707	2671	46.2	194	293	546	636	738	865	1053	1216	1265	1407	1538
HART MOUNTAIN REFUGE	353692	N4233	W11939	5616	43.7	116	178	338	396	463	546	669	776	808	903	990
HEADWORKS PTLD WATER	353770	N4527	W12209	748	51.3	1	4	17	24	33	47	71	96	104	131	158
HEPPNER	353827	N4521	W11933	1950	50.5	32	57	137	170	209	261	343	419	443	514	582
HERMISTON 2 S	353847	N4549	W11917	624	52.6	28	54	145	185	234	301	409	513	546	646	743
HOOD RIVER EXP STATION	354003	N4541	W12131	500	50.4	16	32	93	121	156	204	284	362	387	463	538
HUNTINGTON	354098	N4421	W11716	2120	53.0	50	88	204	250	306	379	493	599	631	729	822
KENT	354411	N4512	W12042	2707	48.0	47	83	193	237	290	359	467	567	598	690	778
KLAMATH FALLS 2 SSW	354506	N4212	W12147	4098	47.8	58	93	188	224	265	318	398	468	490	553	612
LA GRANDE	354622	N4519	W11805	2755	49.6	28	53	137	173	217	276	372	463	492	579	663
LAKEVIEW	354670	N4211	W12021	4774	46.4	73	120	255	307	367	445	564	671	703	800	891
LEABURG 1 SW	354811	N4406	W12241	675	52.6	1	3	13	18	25	34	52	70	76	95	114
MADRAS	355139	N4438	W12108	2230	48.5	33	59	142	176	217	272	358	438	463	537	609
MALHEUR BRANCH EXP STA	355160	N4359	W11701	2240	50.9	71	123	281	345	421	520	674	817	860	992	1116
MALHEUR REFUGE HDQ	355162	N4317	W11850	4109	46.5	90	145	298	356	424	509	639	755	791	895	992
MARION FRKS FISH HATCH	355221	N4436	W12157	2475	46.2	18	33	82	102	126	159	210	258	273	318	362
MC MINNVILLE	355384	N4514	W12311	148	51.9	2	6	24	32	44	60	89	118	127	157	188
METOLIUS 1 W	355515	N4435	W12111	2500	47.3	34	62	156	195	243	306	408	504	534	624	711
MIKKALO 6 W	355545	N4528	W12021	1550	51.6	35	62	149	185	228	284	374	457	482	560	634
MILTON FREEWATER 4 NW	355593	N4558	W11826	839	53.8	12	29	102	138	187	257	381	508	550	680	813
MORO	355734	N4529	W12043	1868	48.7	47	82	190	234	286	354	461	560	591	682	769
NEWPORT	356032	N4438	W12403	154	50.3	*	0	5	7	11	17	27	39	43	56	69
NORTH BEND FAA AP	356073	N4325	W12415	7	52.2	*	*	0	1	2	4	7	10	11	15	19
OCHOCO RANGER STATION	356243	N4424	W12026	3975	42.8	192	273	466	532	605	694	821	929	961	1054	1138
ONTARIO KSRV	356294	N4403	W11658	2145	51.8	51	93	230	287	356	448	594	732	774	904	1028
OREGON CITY	356334	N4521	W12236	167	53.9	1	3	15	22	30	44	68	94	102	130	158

Footnotes:

* Probability of occurrence less than indicated probability (Value=0)

** No Freezing Index Values Recorded during 1951-80 period (Value=0)

Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)										
						1.1 Year (10%)	1.2 Year (20%)	2 Year (50%)	2.5 Year (60%)	3.3 Year (70%)	5 Year (80%)	10 Year (90%)	20 Year (95%)	25 Year (96%)	50 Year (98%)	100 Year (99%)
Oregon																
OTIS 2 NE	356366	N4502	W12356	150	50.6	0	2	10	14	20	28	42	57	62	77	93
OWYHEE DAM	356405	N4339	W11715	2400	52.0	30	56	145	182	229	291	391	486	516	606	694
PAISLEY	356426	N4242	W12032	4360	48.2	42	69	146	176	210	254	321	382	400	455	506
PENDLETON WSO //	356546	N4541	W11851	1482	52.5	19	41	127	167	218	290	412	533	572	692	812
PORTLAND WSO //	356751	N4536	W12236	21	53.0	2	6	23	31	42	58	85	114	123	152	182
POWERS	356820	N4253	W12404	230	53.3	*	0	3	4	7	10	17	24	26	34	43
PRINEVILLE 4 NW	356883	N4421	W12054	2840	47.2	18	38	114	149	194	255	359	461	493	593	693
PROSPECT 2 SW	356907	N4244	W12231	2482	50.5	2	6	23	31	42	57	85	113	122	151	181
REDMOND 2 W	357052	N4416	W12113	3010	47.7	26	50	130	164	205	262	353	439	466	548	628
REDMOND FAA AP	357062	N4416	W12109	3075	47.1	41	72	169	208	256	318	416	507	535	619	700
REEDSPORT	357082	N4342	W12407	60	52.2	*	0	3	5	7	11	19	27	30	39	49
RICHLAND	357160	N4446	W11710	2215	51.4	44	79	190	235	289	361	474	580	612	711	805
RIDDLE 2 NNE	357169	N4258	W12321	663	53.9	0	1	7	10	15	22	36	51	56	72	90
ROSEBURG KQEN	357331	N4312	W12321	465	53.8	0	2	11	16	22	32	51	71	77	99	121
ROUND GROVE	357354	N4220	W12053	4888	44.1	102	156	291	340	396	464	566	654	681	758	830
SALEM WSO	357500	N4455	W12301	196	52.0	2	6	23	32	43	60	88	117	127	156	186
SEASIDE	357641	N4559	W12355	10	51.6	*	0	4	7	10	15	25	37	41	53	66
SENECA	357675	N4409	W11858	4666	40.0	487	622	901	987	1079	1186	1334	1453	1488	1586	1673
SEXTON SUMMIT WSO //	357698	N4237	W12322	3836	47.8	14	25	56	69	83	102	131	158	166	190	213
SILVER CREEK FALLS	357809	N4452	W12239	1350	49.1	5	11	32	42	54	69	96	121	129	153	177
SQUAW BUTTE EXP STA	358029	N4329	W11941	4675	45.7	130	195	358	415	481	561	680	782	813	902	984
STAYTON	358095	N4448	W12246	465	52.3	2	6	22	31	42	58	86	115	125	155	185
THREE LYNX	358466	N4507	W12204	1120	49.7	5	12	37	49	64	84	119	153	163	197	230
TILLAMOOK 1 W	358494	N4527	W12352	10	50.4	0	1	7	10	15	22	34	48	52	67	82
UNION	358746	N4513	W11753	2765	47.8	46	80	182	224	273	337	438	531	559	644	726
VALE	358797	N4359	W11715	2240	51.3	54	97	234	290	358	449	591	725	766	890	1010
WICKIUP DAM //	359316	N4341	W12141	4358	43.5	118	181	343	401	468	551	673	781	813	907	994
Pennsylvania																
ALLENTOWN WSO //	360106	N4039	W07526	387	51.0	137	201	358	412	474	549	659	753	781	863	937
BAKERSTOWN 3 WNW	360355	N4039	W07959	1230	51.1	109	175	357	425	505	606	758	895	936	1058	1172
BRADFORD 4 W RES	360868	N4157	W07844	1680	44.6	511	641	903	982	1066	1164	1297	1404	1435	1522	1599
BURGETTSTOWN 2 W	361105	N4023	W08026	980	48.0	214	312	551	634	726	840	1005	1146	1188	1310	1421
CARLISLE	361234	N4013	W07712	465	53.1	74	119	241	287	340	407	509	600	627	708	784
CHAMBERSBURG 1 ESE	361354	N3956	W07738	640	51.6	98	151	287	337	393	463	568	659	686	767	841

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (⁰F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (⁰ F)	Air Freezing Index Return Periods (⁰ F-Days) & Associated Probabilities (%)													
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Pennsylvania																			
CLARION 3 SW	361485	N4112	W07926	1114	47.4	298	406	647	726	812	915	1060	1181	1216	1317	1409			
COATESVILLE 1 SW	361589	N3958	W07550	342	51.5	98	149	283	331	386	455	556	645	671	749	821			
CONFLUENCE 1 SW DAM	361705	N3948	W07922	1490	48.7	171	256	469	544	629	735	889	1024	1064	1180	1287			
CORRY	361790	N4155	W07938	1440	47.0	356	465	697	769	848	940	1068	1173	1203	1290	1367			
DEVAULT 1 W	362116	N4005	W07533	360	51.5	100	152	288	337	393	463	566	657	684	763	836			
DONEGAL	362183	N4008	W07924	1800	46.6	316	421	650	722	802	896	1027	1135	1166	1256	1337			
DONORA 1 SW	362190	N4010	W07952	762	53.2	50	89	216	268	330	414	545	668	706	821	931			
DREXEL UNIVERSITY	362236	N3957	W07511	30	55.9	27	48	110	135	165	204	264	320	338	389	438			
EPHRATA	362662	N4010	W07610	485	52.3	83	129	250	295	346	409	504	588	613	687	755			
EVERETT 1 SW	362721	N4000	W07823	1010	50.4	138	203	361	417	479	555	666	761	789	872	947			
FARRELL SHARON	362814	N4114	W08030	855	51.7	84	140	302	365	439	534	679	811	851	971	1084			
FORD CITY 4 S DAM	362942	N4043	W07930	950	48.6	205	298	524	601	689	795	950	1083	1122	1236	1340			
FRANKLIN	363028	N4123	W07949	987	48.2	199	294	529	611	703	817	983	1126	1169	1293	1406			
FREELAND	363056	N4101	W07554	1900	47.0	409	512	716	778	843	919	1022	1105	1129	1196	1255			
GETTYSBURG	363218	N3950	W07714	500	52.6	76	122	249	297	353	424	531	626	655	740	820			
GREENVILLE	363526	N4124	W08023	980	49.5	164	250	471	550	640	752	918	1063	1107	1234	1351			
HANOVER	363662	N3948	W07659	600	52.7	83	128	244	286	334	394	483	561	584	652	715			
HOLTWOOD	364019	N3950	W07620	187	53.6	51	85	181	219	263	319	405	483	506	577	643			
INDIANA 3 SE	364214	N4036	W07907	1102	49.4	155	231	424	492	569	665	805	926	963	1068	1165			
JAMESTOWN 2 NW	364325	N4130	W08028	1050	47.1	329	445	701	783	874	982	1133	1259	1295	1400	1495			
JOHNSTOWN	364385	N4020	W07855	1214	51.1	127	192	355	413	479	561	681	786	817	908	992			
KANE 1 NNE	364432	N4141	W07848	1750	43.6	623	756	1014	1090	1169	1260	1382	1479	1507	1585	1653			
LANDISVILLE 2 NW	364778	N4007	W07626	360	51.3	110	169	327	384	449	531	653	760	792	887	974			
LEWISTOWN	364992	N4036	W07735	481	51.3	111	167	308	359	415	486	589	679	705	784	855			
MADERA	365336	N4050	W07826	1460	45.2	431	561	836	923	1016	1125	1276	1400	1436	1538	1628			
MARCUS HOOK	365390	N3949	W07525	12	55.8	32	51	105	125	148	177	222	261	273	308	341			
MEADVILLE 1 S	365606	N4138	W08010	1065	47.0	330	441	683	760	845	945	1085	1201	1235	1331	1418			
MONTGOMERY L AND D	365902	N4039	W08023	692	51.5	101	157	306	360	423	502	619	723	754	845	931			
MONTROSE	365915	N4150	W07552	1560	44.4	673	795	1024	1089	1157	1234	1337	1417	1440	1504	1559			
MORGANTOWN	365956	N4009	W07554	595	50.8	120	179	327	379	438	511	618	710	738	818	892			
NEW CASTLE 1 N	366233	N4101	W08022	825	50.5	122	190	371	437	513	608	751	876	914	1025	1128			
NEWELL	366246	N4005	W07954	805	53.1	52	93	228	283	350	440	582	715	756	880	1000			
NEWPORT	366297	N4029	W07708	400	51.0	125	187	345	401	465	543	659	759	789	876	957			
PALMERTON	366689	N4048	W07537	410	50.4	144	209	365	419	479	553	660	751	778	857	929			

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (⁰F-Days) & Associated Probabilities (%)

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Pennsylvania																					
PHILIPSBURG FAA AP	366916	N4054	W07805	1942	45.3	494	608	831	898	968	1049	1158	1245	1270	1340	1402					
PHOENIXVILLE 1 E	366927	N4007	W07530	105	53.1	64	102	209	250	296	356	446	526	550	622	689					
PLEASANT MOUNT 1 W	367029	N4144	W07527	1800	42.9	828	953	1176	1239	1304	1376	1471	1545	1566	1624	1674					
PUTNEYVILLE 2 SE DAM	367229	N4055	W07917	1270	47.2	310	419	660	738	823	924	1067	1185	1220	1319	1408					
RIDGWAY	367477	N4125	W07845	1360	46.0	366	485	744	826	916	1022	1169	1291	1326	1427	1518					
SHIPPENSBURG	368073	N4003	W07731	680	52.4	79	127	261	312	371	446	560	662	693	784	869					
SLIPPERY ROCK 1 SSW	368184	N4104	W08004	1260	48.5	209	303	531	609	697	804	959	1092	1131	1245	1349					
STATE COLLEGE	368449	N4048	W07752	1175	49.3	197	281	479	546	621	712	843	955	987	1082	1169					
STROUDSBURG	368596	N4100	W07511	480	49.5	182	262	454	520	594	684	814	924	957	1052	1139					
TIONESTA 2 SE DAM	368873	N4129	W07926	1200	46.4	403	526	788	870	959	1064	1208	1327	1361	1459	1546					
TOWANDA 1 ESE	368905	N4145	W07625	745	48.7	233	320	516	580	651	736	856	956	986	1070	1146					
UNIONTOWN 1 NE	369050	N3955	W07943	956	52.2	70	118	258	312	377	461	590	707	743	849	950					
WARREN	369298	N4151	W07908	1280	47.9	252	349	571	644	725	822	960	1075	1109	1207	1295					
WAYNESBURG 1 E	369367	N3954	W08010	940	50.3	113	179	359	426	503	600	747	877	916	1032	1140					
WELLSBORO 3 S	369408	N4142	W07716	1860	44.5	651	773	1002	1068	1136	1214	1318	1400	1423	1488	1544					
WEST CHESTER 1 W	369464	N3958	W07538	450	52.6	64	105	225	272	326	396	503	599	629	716	799					
WILLIAMSPORT WSO	369728	N4115	W07655	524	50.1	176	248	417	474	538	614	723	816	843	922	993					
YORK 3 SSW PUMP STA	369933	N3955	W07645	390	53.1	59	99	215	261	314	383	489	585	614	702	784					
Rhode Island																					
BLOCK ISLAND WSO	370896	N4110	W07135	110	50.2	59	90	172	201	235	278	340	395	411	459	504					
KINGSTON	374266	N4129	W07132	100	49.2	126	182	315	361	412	475	565	642	664	730	791					
South Carolina																					
AIKEN	380074	N3334	W08144	527	63.8	1	2	7	9	11	14	20	25	27	31	36					
ANDERSON	380165	N3432	W08240	800	61.3	4	7	15	18	21	25	32	38	40	45	51					
ANDERSON FAA AP	380170	N3430	W08243	759	61.5	4	7	16	20	24	29	37	45	47	53	60					
BAMBERG	380448	N3317	W08103	165	64.2	0	1	5	7	9	12	17	22	24	29	33					
BEAUFORT 7 SW	380559	N3223	W08046	21	65.7	*	0	1	2	3	5	8	12	13	16	20					
BLACKVILLE 3 W	380764	N3322	W08119	324	63.7	1	3	9	11	13	17	23	28	29	34	39					
CAESARS HEAD 1 NE	381256	N3507	W08236	3086	54.5	15	27	65	80	98	122	161	196	207	240	271					
CALHOUN FALLS	381277	N3405	W08235	520	61.1	4	7	17	20	25	30	39	46	49	55	62					
CAMDEN 2 WSW	381310	N3415	W08039	175	60.7	4	8	18	22	27	33	42	50	53	60	67					
CHARLESTON AP WSO	381544	N3254	W08002	41	64.8	0	1	4	6	8	11	16	21	22	27	32					
CHARLESTON CITY WSO	381549	N3247	W07956	9	66.1	*	0	2	3	4	6	10	13	15	19	23					
CHERAW	381588	N3442	W07953	155	60.7	4	8	20	25	31	39	51	63	66	77	88					

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (⁰F-Days) & Associated Probabilities (%)

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South Carolina																
CHESTER	381633	N3442	W08112	585	61.1	6	10	20	23	27	32	39	46	48	53	58
CLEMSON UNIVERSITY	381770	N3441	W08249	819	60.6	3	6	16	20	24	30	39	48	50	58	65
COLUMBIA WSO	381939	N3357	W08107	213	63.3	1	3	9	12	15	19	25	31	33	38	44
COLUMBIA UNI OF S C	381944	N3400	W08101	310	64.6	1	2	7	9	11	14	20	25	26	31	36
CONWAY	381997	N3350	W07903	27	63.4	1	3	8	11	13	17	23	29	30	35	40
DARLINGTON	382260	N3417	W07952	175	62.9	1	3	9	12	15	18	24	30	32	37	42
DILLON 4 SW	382386	N3422	W07924	100	61.4	5	8	18	22	26	31	39	46	48	55	61
FLORENCE FAA AP	383106	N3411	W07943	146	63.4	2	4	11	13	16	21	27	33	35	41	46
FLORENCE 2 N	383111	N3413	W07946	144	62.4	2	5	13	16	20	24	32	39	41	47	53
GEORGETOWN 2 E	383468	N3321	W07915	10	64.5	0	1	6	8	10	13	19	24	26	31	36
GREENWOOD 3 ESE	383754	N3410	W08207	620	60.6	5	9	20	24	30	37	47	56	59	68	76
HAMPTON	383906	N3252	W08107	86	65.1	0	1	4	5	7	10	15	19	20	25	29
KINGSTREE 1 SE	384753	N3339	W07949	58	62.7	2	4	12	14	18	23	30	36	38	45	50
LAKE CITY	384886	N3352	W07945	70	63.5	1	2	9	12	16	21	29	37	40	48	56
LAURENS	385017	N3430	W08202	589	60.6	5	9	20	24	29	35	45	54	57	65	73
LITTLE MOUNTAIN	385200	N3412	W08125	711	63.2	2	5	13	16	19	24	32	39	41	47	53
LONGCREEK 1 N	385278	N3447	W08315	1610	58.2	8	13	27	32	38	46	57	68	71	80	89
LORIS 1 S	385306	N3403	W07853	90	62.3	2	4	12	15	18	23	31	38	41	48	54
MARION	385509	N3411	W07924	68	63.2	1	2	8	11	14	18	26	33	36	43	50
MC COLL	385633	N3440	W07933	190	62.8	2	5	12	14	18	22	28	34	36	42	47
NEWBERRY	386209	N3417	W08137	476	62.1	1	3	10	12	16	20	26	33	35	40	46
ORANGEBURG 2	386527	N3330	W08052	260	63.3	2	5	12	15	18	22	29	35	37	43	48
PARR	386688	N3416	W08120	258	62.1	1	3	10	12	16	20	27	33	36	42	48
PICKENS 5 SE	386831	N3451	W08239	1040	60.7	4	8	17	21	25	31	39	47	49	56	62
PINOPOLIS DAM	386893	N3315	W07959	69	63.7	1	2	8	10	13	16	22	27	29	34	39
RIDGELAND 5 NE	387281	N3232	W08054	20	65.1	0	0	3	4	6	9	13	18	19	24	29
SALUDA	387631	N3400	W08146	540	61.8	2	5	14	18	23	30	41	51	55	65	74
SANTUCK	387722	N3438	W08130	512	61.7	3	5	14	17	21	26	35	43	45	52	59
SULLIVANS ISLAND	388405	N3246	W07952	9	65.6	*	*	1	2	3	4	7	11	12	16	20
SUMMERVILLE 2 WNW	388426	N3302	W08012	75	63.8	2	3	9	11	13	17	22	26	28	32	36
SUMTER	388440	N3356	W08019	169	63.5	1	2	9	11	15	20	28	36	38	46	53
TILGHMAN FOR NURSERY	388621	N3354	W08030	249	64.1	1	3	8	10	13	17	23	28	30	35	40
UNION 8 SW	388786	N3439	W08145	549	59.5	7	11	24	29	34	41	52	61	64	72	80
WALHALLA	388887	N3445	W08305	1061	59.3	5	9	20	24	28	34	43	51	53	60	67

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South Carolina																				
WALTERBORO 2 SW	388922	N3253	W08041	56	64.3	0	1	5	7	10	13	19	24	26	32	37				
WINNSBORO 1 W	389327	N3423	W08106	555	61.3	6	10	21	25	29	36	45	53	55	63	70				
WINTHROP COLLEGE	389350	N3457	W08103	690	61.2	3	6	17	21	26	33	44	54	57	67	76				
YEMASSEE 4 W	389469	N3241	W08055	82	64.3	0	1	6	8	11	15	22	29	31	38	45				
South Dakota																				
ACADEMY	390043	N4328	W09905	1675	48.2	620	785	1120	1223	1332	1460	1633	1774	1814	1929	2030				
ALEXANDRIA	390128	N4339	W09747	1350	47.4	785	966	1321	1427	1538	1666	1840	1978	2018	2129	2227				
ARDMORE 2 N	390236	N4303	W10339	3550	46.3	490	639	952	1050	1156	1280	1452	1593	1634	1750	1853				
ARMOUR	390296	N4319	W09821	1510	47.7	694	860	1189	1288	1393	1513	1676	1807	1844	1950	2043				
BELLE FOURCHE	390559	N4440	W10351	3017	46.7	409	556	886	994	1112	1252	1450	1616	1664	1803	1928				
BONESTEEL	390778	N4305	W09857	1985	47.8	640	803	1131	1231	1336	1459	1625	1760	1798	1908	2004				
BRIDGEWATER	391032	N4333	W09730	1420	47.0	834	1026	1403	1515	1634	1770	1954	2101	2143	2262	2366				
BRITTON	391049	N4547	W09745	1340	42.7	1442	1683	2123	2248	2378	2524	2716	2867	2909	3028	3131				
BROOKINGS 2 NE	391076	N4419	W09646	1642	42.5	1310	1548	1992	2119	2252	2402	2601	2757	2802	2926	3034				
CAMP CROOK	391294	N4533	W10359	3120	44.1	723	929	1356	1489	1630	1796	2024	2209	2263	2415	2550				
CANTON	391392	N4318	W09635	1247	47.0	815	1006	1383	1496	1615	1752	1937	2086	2128	2248	2353				
CASTLEWOOD	391519	N4443	W09702	1685	43.3	1291	1512	1920	2036	2157	2293	2472	2613	2653	2764	2861				
CENTERVILLE 6 SE	391579	N4303	W09654	1255	47.2	714	918	1339	1470	1610	1774	1998	2182	2235	2385	2518				
CLARK	391739	N4453	W09744	1780	43.5	1272	1496	1911	2030	2154	2293	2478	2623	2664	2779	2878				
COLUMBIA 8 N	391873	N4544	W09818	1300	42.9	1415	1657	2104	2232	2364	2513	2710	2864	2908	3029	3135				
CUSTER	392087	N4346	W10336	5322	41.3	754	883	1121	1189	1259	1339	1444	1526	1549	1614	1671				
DEADWOOD	392207	N4423	W10344	4670	43.5	528	660	924	1004	1088	1186	1319	1426	1456	1543	1620				
DE SMET	392302	N4423	W09733	1726	44.8	1091	1306	1712	1830	1953	2093	2280	2428	2470	2588	2691				
DUPREE	392429	N4503	W10136	2365	45.3	811	1031	1482	1620	1768	1940	2176	2367	2422	2578	2716				
EUREKA	392797	N4546	W09937	1884	42.3	1295	1558	2060	2206	2360	2535	2768	2953	3006	3154	3283				
FAITH 2 W	392852	N4502	W10205	2545	45.2	751	965	1408	1545	1693	1865	2101	2294	2349	2507	2647				
FAULKTON 1 NW	392927	N4502	W09908	1565	44.5	1064	1295	1744	1877	2016	2175	2390	2560	2609	2746	2866				
FLANDREAU	392984	N4403	W09636	1550	43.8	1169	1395	1821	1945	2074	2220	2415	2570	2614	2736	2843				
FORESTBURG 3 NE //	393029	N4402	W09804	1231	46.0	878	1084	1490	1612	1740	1888	2088	2248	2294	2423	2536				
FORT MEADE	393069	N4424	W10328	3300	47.8	288	408	690	786	892	1021	1205	1362	1408	1541	1662				
GANN VALLEY	393217	N4402	W09858	1750	45.9	921	1126	1523	1641	1765	1907	2098	2251	2294	2417	2524				
GETTYSBURG	393294	N4501	W09957	2080	44.0	1043	1274	1724	1857	1998	2158	2375	2547	2597	2735	2857				
GREGORY	393452	N4314	W09926	2001	48.1	546	701	1023	1123	1230	1355	1527	1667	1707	1822	1924				
HIGHMORE 1 W	393832	N4431	W09928	1890	45.3	957	1177	1609	1738	1874	2030	2241	2410	2458	2594	2713				

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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South Dakota																				
HOT SPRINGS	394007	N4326	W10328	3535	47.6	307	414	652	729	814	914	1055	1172	1206	1304	1392				
HOWARD	394037	N4401	W09731	1560	45.6	988	1192	1582	1697	1817	1953	2136	2282	2323	2439	2541				
HURON WSO //	394127	N4423	W09813	1282	44.7	1055	1281	1716	1844	1979	2133	2340	2504	2551	2683	2798				
KENNEBEC	394516	N4355	W09952	1700	47.2	710	898	1282	1399	1524	1670	1868	2029	2075	2206	2322				
LEAD 1 SE //	394834	N4421	W10346	5332	44.2	465	579	805	874	946	1029	1142	1233	1259	1333	1398				
LEMMON	394864	N4556	W10210	2596	42.4	1020	1269	1765	1914	2072	2255	2503	2702	2759	2920	3062				
LONGVALLEY	394983	N4328	W10130	2470	48.5	405	529	792	875	964	1069	1214	1333	1367	1466	1553				
LUDLOW	395048	N4551	W10323	3050	43.4	769	993	1462	1607	1764	1947	2200	2406	2465	2635	2785				
MARION	395228	N4325	W09715	1440	46.2	868	1076	1488	1612	1742	1893	2097	2261	2308	2440	2556				
MARTIN	395281	N4311	W10144	3320	47.6	424	555	835	923	1018	1130	1286	1413	1450	1556	1650				
MCINTOSH	395381	N4555	W10121	2310	43.5	1002	1257	1770	1926	2092	2283	2544	2754	2815	2985	3136				
MENNO	395481	N4314	W09735	1324	47.6	728	905	1259	1366	1479	1609	1786	1928	1968	2083	2185				
MIDLAND	395506	N4404	W10109	1890	47.8	562	734	1098	1213	1336	1482	1683	1848	1896	2032	2153				
MILBANK	395536	N4513	W09638	1145	44.2	1107	1343	1800	1934	2075	2237	2454	2626	2675	2813	2934				
MILESVILLE 5 NE	395544	N4431	W10137	2240	46.3	681	890	1332	1471	1621	1797	2041	2241	2299	2464	2611				
MILLER	395561	N4431	W09859	1587	46.1	859	1069	1486	1612	1745	1899	2108	2275	2323	2459	2579				
MITCHELL 2 SSE	395671	N4341	W09801	1346	47.1	788	984	1377	1496	1622	1767	1965	2125	2171	2300	2414				
MOBRIDGE	395691	N4532	W10026	1668	44.2	1042	1277	1737	1874	2018	2183	2406	2584	2635	2778	2904				
MURDO	395891	N4353	W10043	2300	47.4	579	757	1133	1251	1378	1528	1736	1906	1956	2096	2221				
NEWELL 2 NW	396054	N4444	W10327	2870	44.7	723	915	1306	1425	1553	1701	1903	2067	2114	2247	2366				
OELRICHS	396212	N4311	W10314	3337	48.0	357	484	767	859	959	1079	1247	1388	1429	1546	1652				
PHILIP	396552	N4403	W10136	2205	46.7	644	828	1208	1326	1452	1600	1802	1968	2015	2151	2271				
PICKSTOWN //	396574	N4304	W09832	1485	48.7	541	699	1028	1131	1241	1370	1548	1693	1735	1854	1960				
POLLOCK	396712	N4554	W10017	1635	43.0	1257	1512	1998	2141	2289	2459	2686	2865	2917	3060	3185				
RALPH	396907	N4547	W10304	2800	42.4	923	1154	1614	1753	1901	2072	2304	2491	2544	2696	2829				
RAPID CITY WSO //	396937	N4403	W10304	3162	46.7	444	587	895	993	1099	1225	1399	1543	1585	1705	1811				
RAPID CITY	396947	N4404	W10312	3242	48.2	268	380	643	732	830	950	1122	1268	1311	1435	1548				
REDFIELD 6 E	397052	N4453	W09823	1296	43.9	1168	1410	1872	2007	2149	2310	2527	2699	2748	2885	3005				
REDIG 11 NE	397062	N4523	W10323	3070	43.5	792	1012	1466	1606	1755	1930	2169	2364	2420	2579	2720				
SIOUX FALLS WSO //	397667	N4334	W09644	1418	45.3	1012	1214	1598	1710	1827	1960	2138	2279	2319	2432	2530				
SISSETON	397742	N4540	W09703	1200	44.0	1214	1442	1868	1991	2119	2265	2458	2610	2654	2775	2880				
SPEARFISH	397882	N4429	W10353	3675	46.9	279	401	693	793	904	1040	1235	1402	1451	1594	1724				
TIMBER LAKE	398307	N4526	W10104	2150	44.0	961	1196	1663	1804	1953	2125	2359	2546	2600	2752	2886				
TYNDALL	398472	N4259	W09752	1420	48.3	610	782	1137	1247	1364	1501	1690	1843	1887	2013	2124				

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South Dakota																			
VERMILLION 2 SE	398622	N4245	W09655	1190	48.7	619	783	1118	1221	1330	1457	1630	1770	1811	1925	2026			
WAGNER	398767	N4305	W09818	1430	49.1	593	751	1072	1170	1275	1396	1562	1697	1736	1845	1942			
WASTA	398911	N4404	W10226	2320	47.8	445	597	930	1037	1153	1292	1485	1646	1693	1827	1947			
WATERTOWN FAA AIRPORT //	398932	N4455	W09709	1746	42.1	1451	1680	2096	2213	2334	2471	2649	2789	2828	2938	3033			
WEBSTER	399004	N4520	W09732	1850	42.3	1396	1642	2098	2228	2364	2517	2720	2879	2924	3050	3160			
WENTWORTH 2 WNW	399042	N4401	W09700	1690	44.9	1050	1253	1637	1748	1864	1996	2171	2310	2349	2460	2556			
WHITE LAKE	399232	N4344	W09843	1655	47.0	778	972	1360	1477	1602	1746	1941	2099	2144	2271	2384			
WINNER	399367	N4323	W09952	1965	49.1	440	587	910	1013	1126	1259	1445	1600	1645	1773	1888			
WOOD	399442	N4330	W10029	2180	49.4	402	539	839	936	1041	1166	1341	1486	1528	1649	1758			
YANKTON 3 N	399502	N4255	W09723	1270	46.6	829	1013	1371	1477	1588	1716	1888	2025	2064	2175	2271			
Tennessee																			
ALLARDT	400081	N3623	W08453	1672	55.1	29	50	113	139	168	207	268	323	340	390	439			
BOLIVAR WTR WKS	400876	N3516	W08859	455	59.6	13	24	61	76	95	121	161	199	211	247	282			
BRISTOL WSO	401094	N3629	W08224	1525	55.9	22	39	96	119	147	185	244	299	316	367	416			
BROWNSVILLE	401145	N3536	W08916	360	60.8	8	17	51	66	85	112	157	201	215	258	301			
CELINA	401561	N3633	W08530	550	57.1	12	26	81	107	140	187	266	344	369	447	525			
CHATTANOOGA WSO	401656	N3502	W08512	665	59.4	8	15	37	46	57	71	93	114	120	140	158			
CLARKSVILLE SEW PLT	401790	N3633	W08722	382	58.1	12	26	81	107	139	185	262	338	363	439	514			
COLUMBIA SEWAGE PLANT	401957	N3538	W08702	690	58.7	13	25	63	79	99	126	168	209	221	259	296			
COPPERHILL	402024	N3500	W08423	1535	56.8	16	28	62	75	91	112	144	173	182	209	234			
COVINGTON 1 W	402108	N3534	W08940	310	59.5	11	23	68	88	114	149	207	264	283	338	393			
CROSSVILLE EXP STA	402202	N3601	W08508	1810	53.7	50	83	173	207	247	298	376	446	468	531	590			
DICKSON	402489	N3604	W08724	814	58.8	15	28	72	91	114	145	195	242	257	301	344			
DOVER 1 W	402589	N3629	W08751	475	57.4	14	29	90	118	155	205	291	375	402	486	570			
DYERSBURG FAA AP	402685	N3601	W08924	334	60.2	15	28	70	87	108	136	180	222	235	273	311			
FRANKLIN SEWAGE PLANT	403280	N3556	W08652	670	58.9	9	19	54	70	89	116	160	203	216	258	298			
GATLINBURG 2 SW	403420	N3541	W08332	1454	55.7	20	35	82	101	123	153	199	241	255	294	332			
GREENEVILLE EXP STA	403679	N3606	W08251	1320	57.0	13	27	73	93	118	152	207	260	277	328	378			
JACKSON FAA AP	404556	N3536	W08855	413	60.1	14	25	61	76	95	118	156	192	203	236	268			
JACKSON EXP STA	404561	N3537	W08851	400	59.2	13	26	72	92	117	152	208	262	279	331	382			
KINGSPORT	404858	N3631	W08232	1284	57.3	15	27	64	79	97	121	158	192	202	234	265			
KNOXVILLE U OF TENN	404955	N3557	W08355	895	59.4	11	20	48	60	74	93	123	150	159	185	210			
LENOIR CITY	405158	N3548	W08415	785	57.5	12	24	66	84	106	136	184	231	246	290	334			
LEWISBURG EXP STA	405187	N3527	W08648	787	57.6	20	35	84	104	128	160	210	256	270	313	354			

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Tennessee																			
MARTIN U OF T BRANCH	405681	N3621	W08852	387	59.2	10	23	74	99	130	175	252	329	354	431	509			
MC MINNVILLE	405882	N3541	W08548	940	58.6	12	22	55	69	86	109	145	179	190	222	253			
MEMPHIS WSO	405954	N3503	W09000	263	61.8	10	18	41	50	61	75	97	117	123	141	158			
MILAN	406012	N3556	W08846	430	58.5	15	30	84	108	138	179	247	312	333	397	459			
MONTEAGLE	406162	N3515	W08551	1930	56.9	18	33	80	100	123	154	203	249	263	305	346			
MURFREESBORO 5 N	406371	N3555	W08622	550	59.0	11	23	66	85	109	142	196	248	265	316	366			
NASHVILLE WSO //	406402	N3607	W08641	590	59.2	15	29	72	91	113	143	190	235	249	291	332			
NEWBERN	406471	N3607	W08916	370	58.9	10	23	74	98	129	174	250	327	352	428	505			
NEWPORT 1 NW	406534	N3559	W08312	1040	57.3	13	26	70	89	113	146	198	249	265	313	361			
OAK RIDGE WSO	406750	N3601	W08414	905	57.5	11	21	58	73	93	119	161	202	214	253	291			
PARIS 5 E	406977	N3619	W08814	450	57.6	14	29	85	111	142	186	259	331	354	423	492			
ROGERSVILLE 1 NE	407884	N3625	W08259	1355	56.2	16	30	75	94	117	148	196	242	257	300	341			
SAMBURG WILDLIFE REF	408065	N3623	W08921	290	58.6	20	37	95	120	151	191	257	319	339	398	455			
SAVANNAH	408108	N3514	W08815	440	60.5	10	19	47	58	72	90	118	145	153	178	202			
SHELBYVILLE 3	408246	N3529	W08627	785	59.0	11	21	52	65	80	101	133	163	172	200	227			
SPRINGFIELD EXP STA	408562	N3628	W08650	745	56.9	21	43	117	151	192	248	341	430	458	544	628			
TULLAHOMA	409155	N3522	W08612	1072	58.8	12	22	55	68	84	105	138	169	178	207	234			
UNION CITY	409219	N3625	W08904	320	57.2	21	39	103	131	164	210	284	354	375	442	507			
WATAUGA DAM	409455	N3620	W08207	1710	55.2	26	45	105	129	158	196	255	309	326	376	423			
Texas																			
ABILENE WSO //	410016	N3225	W09941	1762	64.5	7	11	25	30	36	43	55	65	68	78	86			
ALBANY	410120	N3244	W09918	1438	63.8	9	15	32	38	45	54	68	80	84	95	105			
ALPINE	410174	N3021	W10340	4455	62.1	2	4	13	17	22	29	41	52	55	66	77			
AMARILLO WSO //	410211	N3514	W10142	3607	57.2	30	48	96	115	136	163	203	239	250	282	311			
ANGLETON 2 W	410257	N2909	W09527	27	68.4	*	*	0	1	2	4	7	10	11	15	19			
AUSTIN WSO	410428	N3018	W09742	597	68.1	0	0	3	4	6	9	14	19	20	25	30			
BALLINGER 1 SW	410493	N3144	W09958	1575	64.8	3	7	16	20	25	31	40	48	51	59	66			
BAY CITY WATERWORKS	410569	N2859	W09558	48	69.4	*	*	1	2	3	4	7	10	11	15	18			
BEEVILLE 5 NE	410639	N2827	W09742	255	69.8	*	*	0	1	2	3	6	8	9	12	16			
BIG SPRING	410786	N3215	W10127	2500	64.0	6	11	24	29	34	42	53	63	66	75	83			
BLANCO	410832	N3006	W09825	1350	65.3	3	5	12	14	17	21	27	33	34	39	44			
BOERNE	410902	N2947	W09844	1422	65.4	0	2	6	7	10	13	18	22	24	28	32			
BORGER 3 W	410958	N3539	W10127	3140	59.1	18	32	73	89	109	135	174	211	222	256	287			
BRADY 2 NNW	411017	N3109	W09921	1722	64.2	3	6	17	22	27	34	46	57	60	70	80			

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Texas																
BREHAM	411048	N3009	W09624	353	68.1	0	2	6	8	10	14	19	24	26	31	36
BRIDGEPORT	411063	N3313	W09745	815	64.0	7	13	30	37	45	56	72	87	91	105	118
BROWNSVILLE WSO	411136	N2554	W09726	19	73.6	*	*	*	*	0	0	0	1	1	1	2
BROWNWOOD	411138	N3143	W09859	1435	65.3	4	8	19	23	28	35	45	54	57	66	74
CAMERON	411348	N3051	W09659	390	68.0	0	0	4	6	8	11	17	23	25	31	37
CANYON	411430	N3459	W10155	3577	58.7	18	30	62	74	88	106	133	157	165	187	207
CENTER	411578	N3148	W09410	325	64.7	2	4	12	15	19	24	32	39	42	49	56
CENTERVILLE	411596	N3116	W09559	330	66.0	2	4	11	14	17	22	29	36	38	45	51
CHILDRESS FAA AIRPORT	411698	N3426	W10017	1951	61.7	13	23	54	67	82	102	133	162	171	198	224
CHISOS BASIN	411715	N2916	W10318	5300	62.4	1	3	10	12	16	21	28	36	38	45	52
CLARENDON	411761	N3456	W10053	2700	58.8	20	35	81	99	121	149	192	232	244	281	316
CLARKSVILLE 2 NE	411772	N3338	W09502	445	62.7	5	10	28	36	46	59	80	101	107	127	146
CLEBURNE	411800	N3220	W09724	783	66.1	2	5	13	16	21	26	36	44	47	55	63
COLEMAN	411875	N3150	W09926	1711	65.2	1	4	12	16	21	27	38	49	52	62	73
COLLEGE STATION FAA AP	411889	N3035	W09621	314	67.7	0	1	4	6	9	12	17	23	25	30	36
CONROE	411956	N3019	W09527	245	67.5	0	1	5	7	9	11	16	20	22	26	30
CORPUS CHRISTI	412014	N2748	W09724	14	72.2	*	*	0	0	0	1	2	3	3	4	5
CORSICANA	412019	N3205	W09628	425	65.4	4	7	16	20	24	30	39	47	49	56	63
COTULLA FAA AIRPORT	412050	N2827	W09913	459	71.4	*	*	0	0	1	1	3	4	5	6	8
CROCKETT	412114	N3118	W09527	347	65.4	2	4	10	13	16	20	26	31	33	38	43
CROSBYTON	412121	N3340	W10114	3021	59.5	16	27	59	72	86	105	134	160	168	192	214
CRYSTAL CITY	412160	N2841	W09950	581	71.2	*	*	0	0	0	1	2	3	3	4	5
DALHART FAA AIRPORT	412240	N3601	W10233	3989	55.4	42	64	121	141	164	193	236	273	285	317	347
DANEVANG 2 SE	412266	N2903	W09611	70	69.9	*	*	0	0	1	2	4	6	7	9	11
DENISON DAM	412394	N3349	W09634	613	63.4	8	14	33	41	49	61	79	95	100	114	128
DENTON 2 SE	412404	N3312	W09706	630	65.1	3	7	18	23	29	36	49	60	63	74	84
DILLEY	412458	N2840	W09910	569	69.9	*	*	0	0	1	2	4	7	8	10	13
DUBLIN	412598	N3206	W09820	1502	63.8	7	12	27	33	39	48	61	72	76	87	97
EAGLE PASS	412679	N2842	W10029	815	70.4	*	*	0	1	2	3	5	7	8	10	12
EDEN 1	412741	N3113	W09951	2060	66.0	2	5	13	17	21	26	35	42	45	52	59
ENCINAL 3 NW	412906	N2805	W09922	562	71.0	*	*	0	1	1	2	5	7	8	11	14
FALFURIAS	413063	N2713	W09809	120	72.1	*	*	0	0	0	1	2	3	4	5	7
FLATONIA 2 W	413183	N2941	W09708	425	68.9	*	0	2	3	5	7	11	15	16	21	25
FOLLETT	413225	N3626	W10008	2780	56.8	42	68	145	174	208	251	318	378	396	450	500

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (⁰F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (⁰ F)	Air Freezing Index Return Periods (⁰ F-Days) & Associated Probabilities (%)												
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Texas																		
FT STOCKTON KFST RADIO	413280	N3052	W10254	3000	64.1	3	6	15	19	23	29	38	47	50	58	66		
FREDERICKSBURG	413329	N3016	W09852	1747	65.9	1	2	7	9	12	15	21	27	28	34	39		
GAINESVILLE	413415	N3338	W09708	758	63.0	8	16	38	47	59	73	97	118	125	145	165		
GALVESTON WSO	413430	N2918	W09448	7	69.6	*	*	0	0	1	2	3	5	6	7	9		
GATESVILLE	413485	N3126	W09746	850	66.3	3	6	14	17	21	26	34	41	43	49	56		
GILMER 2 W	413546	N3244	W09459	390	63.7	4	8	20	25	31	39	52	63	67	78	88		
GRAHAM	413668	N3306	W09835	1045	63.9	7	13	30	37	45	56	72	87	92	106	119		
GREENVILLE 7 NW	413734	N3312	W09613	610	63.1	9	15	31	37	44	53	66	78	82	92	103		
HALLETTSVILLE	413873	N2927	W09656	235	69.5	*	*	0	1	1	2	4	7	8	10	13		
HARLINGEN	413943	N2613	W09741	38	73.1	*	*	0	0	0	1	1	2	3	4	5		
HASKELL	413992	N3310	W09944	1605	63.7	11	18	38	45	54	66	83	99	103	117	130		
HENDERSON	414081	N3211	W09448	456	64.9	2	4	13	17	22	29	40	51	54	64	74		
HENRIETTA	414093	N3349	W09812	900	63.4	10	17	39	48	58	71	92	111	117	134	150		
HEREFORD	414098	N3448	W10228	3840	56.2	32	48	89	104	120	141	171	197	205	228	249		
HICO	414137	N3159	W09802	1095	65.8	2	4	13	17	22	29	41	53	56	68	79		
HILLSBORO	414182	N3201	W09707	550	65.6	4	8	18	22	26	32	41	50	52	60	67		
HUNTSVILLE	414382	N3043	W09533	494	67.1	1	3	9	12	14	18	24	30	32	37	42		
JACKSBORO	414517	N3314	W09809	1098	65.7	5	9	21	26	32	39	51	62	66	76	85		
JUNCTION	414670	N3030	W09947	1760	65.7	1	2	8	11	14	18	25	31	33	40	46		
KAUFMAN 3 SE	414705	N3233	W09616	420	64.7	5	9	20	24	30	36	47	56	59	68	76		
KINGSVILLE	414810	N2732	W09753	65	72.4	*	*	0	0	0	1	1	2	3	4	5		
LA TUNA 1 S	414931	N3158	W10636	3800	63.1	0	1	7	10	14	21	33	46	51	65	80		
LAMESA 1 SSE	415013	N3242	W10156	2965	61.4	9	16	35	43	51	62	79	95	100	114	127		
LAMPASAS	415018	N3103	W09811	1024	64.5	5	8	16	19	23	28	35	41	43	48	53		
LAREDO NO 2	415060	N2731	W09928	491	73.5	*	*	*	*	0	0	0	1	1	2	3		
LEVELLAND	415183	N3334	W10223	3550	59.2	14	23	48	58	69	83	105	124	130	147	163		
LIBERTY	415196	N3003	W09449	35	67.9	*	0	1	2	4	6	9	13	15	19	24		
LIVINGSTON 2 NNE	415271	N3044	W09456	178	66.3	0	1	6	8	11	14	21	27	29	35	41		
LLANO	415272	N3045	W09841	1040	66.1	3	5	12	14	17	21	27	33	34	39	44		
LUBBOCK WSO	415411	N3339	W10149	3254	59.9	14	23	50	60	72	87	109	130	136	154	172		
LULING	415429	N2941	W09740	405	67.7	0	1	4	5	7	10	14	19	20	25	29		
MADISONVILLE	415477	N3057	W09555	230	67.8	0	1	4	5	7	10	15	20	22	27	32		
MARLIN 3 NE	415611	N3120	W09651	372	67.0	0	2	7	9	11	15	22	28	30	36	41		
MARSHALL	415618	N3232	W09421	352	64.4	2	5	14	17	22	28	39	48	51	61	69		

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (⁰F-Days) & Associated Probabilities (%)

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Texas																		
MATADOR	415658	N3401	W10050	2280	61.9	10	19	46	57	70	88	116	141	149	173	196		
MATAGORDA NO 2	415659	N2842	W09558	10	70.5	*	*	0	0	1	1	3	5	5	7	9		
MC ALLEN	415701	N2612	W09813	122	73.4	*	*	*	*	0	0	0	1	1	2	2		
MC CAMEY	415707	N3108	W10212	2454	66.0	2	5	13	16	20	24	32	39	42	48	54		
MC COOK	415721	N2630	W09823	225	72.9	*	*	*	0	0	0	1	2	2	3	4		
MCKINNEY 3 S	415766	N3310	W09637	595	64.9	4	8	18	22	27	33	43	51	54	62	69		
MEMPHIS	415821	N3444	W10033	2100	61.1	14	25	56	68	83	101	131	158	166	190	214		
MEXIA	415869	N3141	W09629	529	65.7	3	6	15	18	22	27	34	42	44	50	56		
MIAMI	415875	N3542	W10038	2744	57.2	34	56	119	143	172	208	264	314	329	374	417		
MIDLAND 4 ENE	415891	N3201	W10201	2740	64.0	2	5	15	19	24	30	41	51	54	64	73		
MINERAL WELLS FAA AP	415958	N3247	W09804	934	65.3	5	8	20	24	30	37	47	57	60	69	78		
MISSION 4 W	415972	N2613	W09824	133	73.3	*	*	*	*	0	0	1	1	1	2	3		
MOUNT LOCKE	416104	N3040	W10400	6790	57.4	7	12	25	29	35	42	52	62	64	73	80		
MOUNT PLEASANT	416108	N3310	W09500	416	62.9	4	9	23	29	37	47	63	78	83	97	111		
MULESHOE 1	416135	N3414	W10243	3780	56.9	24	37	71	83	97	114	139	162	168	188	205		
MUNDAY	416146	N3327	W09938	1461	64.6	7	13	29	35	42	52	66	79	83	95	107		
NEW BRAUNFELS	416276	N2942	W09807	718	68.5	*	0	2	4	5	8	12	17	19	24	29		
NEW GULF	416286	N2916	W09555	72	69.0	*	0	1	3	4	6	10	14	16	20	25		
NIXON	416368	N2916	W09745	406	69.7	*	*	0	1	2	3	6	9	10	13	16		
PALACIOS FAA AIRPORT	416750	N2843	W09615	12	69.6	*	*	0	1	1	2	4	7	7	10	12		
PECOS	416892	N3125	W10330	2610	65.0	3	5	14	18	22	28	38	46	49	57	65		
PIERCE 1 E	417020	N2914	W09611	105	68.4	*	0	2	3	4	7	11	15	17	22	27		
PLAINS	417074	N3311	W10250	3640	58.7	15	23	45	52	61	71	87	101	105	117	128		
PLAINVIEW	417079	N3411	W10142	3370	58.6	18	30	65	78	93	113	143	169	178	202	225		
PORT LAVACA NO 2	417182	N2838	W09638	20	70.7	*	*	0	1	1	2	4	6	7	9	12		
PORT O CONNOR	417186	N2826	W09626	14	70.4	*	*	0	0	1	2	4	6	7	9	11		
POTEET	417215	N2902	W09835	480	69.8	*	*	0	1	1	3	5	7	8	11	14		
PRESIDIO	417262	N2933	W10421	2590	70.0	*	*	1	1	2	4	7	11	12	17	21		
QUANAH 5 SE	417336	N3415	W09941	1495	61.7	17	29	64	78	94	115	147	176	185	211	236		
RAYMONDVILLE	417458	N2629	W09746	29	73.1	*	*	0	0	0	1	2	3	3	4	6		
RIO GRANDE CITY 3 W	417622	N2623	W09852	176	73.3	*	*	*	0	0	0	1	2	2	3	4		
RISING STAR	417633	N3206	W09858	1627	63.3	9	15	32	38	45	55	69	81	85	96	106		
ROSCOE	417743	N3227	W10032	2380	63.8	7	12	25	30	36	44	56	66	69	78	87		
RUSK	417841	N3148	W09509	720	65.0	2	4	13	17	21	27	37	47	50	59	68		

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Texas																							
SAN ANTONIO WSO	417945	N2932	W09828	788	68.7	*	*	0	1	2	3	6	9	10	13	16							
SAN MARCOS	417983	N2953	W09757	600	67.0	0	1	4	6	8	11	16	21	23	28	33							
SEMINOLE	418201	N3243	W10240	3340	61.2	8	14	29	35	42	50	63	75	78	89	99							
SEYMOUR	418221	N3336	W09915	1294	62.7	14	22	47	56	67	81	102	120	126	143	158							
SHERMAN PUMP STATION	418274	N3339	W09637	716	63.3	8	15	33	40	49	60	77	92	97	111	124							
SNYDER	418433	N3243	W10055	2325	62.0	9	16	36	44	53	65	84	101	106	122	137							
SONORA	418449	N3034	W10039	2140	65.6	1	3	9	12	14	18	24	30	31	36	41							
SPEARMAN	418523	N3611	W10111	3090	57.5	40	62	117	137	160	189	231	268	279	311	341							
STRATFORD	418692	N3621	W10205	3693	55.3	52	78	140	162	187	217	261	299	311	344	374							
SUGAR LAND	418728	N2937	W09538	85	68.9	*	0	2	3	4	6	10	14	16	20	25							
SULPHUR SPRINGS	418743	N3308	W09536	495	63.1	6	11	25	31	39	48	63	76	80	93	105							
TAYLOR	418861	N3035	W09724	570	66.8	2	3	9	11	14	18	23	29	30	35	40							
TEMPLE	418910	N3106	W09721	700	66.6	2	4	12	15	19	24	33	41	43	51	58							
THROCKMORTON	419014	N3311	W09911	1320	63.6	12	20	42	50	59	71	89	106	110	125	138							
TULIA	419175	N3432	W10146	3500	57.5	23	38	78	93	110	132	166	196	205	231	256							
UVALDE	419265	N2913	W09946	910	69.0	*	*	0	1	2	3	6	9	10	13	16							
VEGA	419330	N3515	W10225	4010	55.6	38	58	110	129	150	177	217	251	262	292	320							
VERNON	419346	N3410	W09918	1212	64.4	7	14	33	41	50	63	82	100	105	122	138							
WACO WSO	419419	N3137	W09713	500	67.0	1	3	10	13	17	22	29	37	39	46	52							
WAXAHACHIE	419522	N3224	W09651	628	65.7	2	5	14	19	24	31	42	53	56	67	77							
WEATHERFORD	419532	N3246	W09749	1065	63.5	8	14	33	41	51	63	82	100	105	122	137							
WESLACO 2 E	419588	N2609	W09758	75	74.1	*	*	*	*	0	0	0	1	1	2	2							
WHITNEY DAM	419715	N3151	W09722	574	65.3	4	8	18	21	26	32	41	49	52	59	66							
WILLS POINT	419800	N3242	W09601	516	64.5	6	11	24	30	36	44	56	67	71	81	91							
WINK FAA AIRPORT	419830	N3147	W10312	2807	64.3	1	4	12	16	20	27	37	47	50	60	69							
YSLETA	419966	N3142	W10619	3670	62.6	0	1	8	11	16	23	36	50	55	69	85							
Utah																							
ALTON	420086	N3726	W11229	7040	45.7	142	210	377	436	502	583	702	804	834	922	1003							
BEAR RIVER REFUGE	420506	N4128	W11216	4208	50.3	123	201	422	506	605	731	924	1098	1150	1307	1454							
BEAVER	420519	N3817	W11238	5920	47.5	135	192	329	375	426	489	579	655	678	743	802							
BLACK ROCK	420730	N3843	W11257	4895	49.4	125	191	361	422	492	579	709	822	855	954	1046							
BLANDING	420738	N3737	W10928	6130	49.8	127	185	327	376	431	498	596	680	705	777	843							
BLUFF	420788	N3717	W10933	4315	53.7	31	63	179	232	299	390	543	692	740	885	1029							
BRYCE CANYON FAA AP	421002	N3742	W11209	7595	40.1	680	849	1189	1291	1400	1526	1697	1834	1874	1985	2084							

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Utah																		
BRYCE CANYON NP HDQ	421008	N3739	W11210	7915	41.1	606	743	1010	1090	1173	1270	1399	1503	1532	1615	1689		
CAPITOL REEF NATL MON	421171	N3817	W11116	5500	53.3	60	100	217	263	317	387	493	590	620	708	791		
CEDAR CITY FAA AP	421267	N3742	W11306	5620	50.3	80	125	248	293	345	411	509	596	622	699	771		
COTTONWOOD WEIR //	421759	N4037	W11147	4950	53.6	50	80	165	198	235	283	355	420	439	497	551		
COVE FORT //	421792	N3836	W11235	5980	47.8	158	231	407	468	537	621	743	847	878	968	1050		
DEER CREEK DAM	422057	N4024	W11132	5270	43.5	464	614	936	1039	1150	1281	1464	1614	1658	1783	1895		
DESERET	422101	N3917	W11239	4585	49.2	168	249	453	524	605	705	850	976	1014	1123	1223		
DESERT EXP RANGE	422116	N3836	W11345	5252	49.0	136	212	416	491	578	686	849	992	1035	1162	1280		
DUGWAY	422257	N4011	W11256	4340	51.4	114	178	344	405	475	562	693	807	842	943	1037		
ECHO DAM	422385	N4058	W11126	5500	44.9	379	498	753	833	920	1023	1165	1282	1316	1413	1500		
ELBERTA	422418	N3957	W11157	4690	50.3	113	177	347	410	482	572	708	828	864	969	1068		
EPHRAIM SORENSENS FLD	422578	N3921	W11135	5580	47.0	297	405	650	730	818	923	1071	1195	1231	1335	1428		
ESCALANTE	422592	N3746	W11136	5810	49.4	114	173	324	378	440	516	629	728	757	843	923		
FAIRFIELD	422696	N4016	W11205	4876	46.6	271	375	614	692	779	883	1032	1156	1192	1297	1392		
FARMINGTON USU FLD STA	422726	N4101	W11154	4340	51.2	76	123	253	302	360	432	543	641	671	760	842		
FERRON	422798	N3905	W11108	5925	47.7	318	428	670	748	833	935	1077	1195	1229	1328	1416		
FILLMORE	422828	N3857	W11219	5160	51.2	79	127	257	306	363	435	544	640	670	756	837		
FORT DUCHESNE	422996	N4017	W10952	4990	44.7	627	846	1332	1489	1661	1866	2153	2392	2462	2662	2841		
GARFIELD	423097	N4043	W11212	4310	53.0	68	109	223	266	316	379	475	560	586	663	734		
GREEN RIVER AVN	423418	N3900	W11010	4070	51.5	180	274	516	603	702	826	1008	1167	1214	1354	1482		
HANKSVILLE	423611	N3822	W11043	4308	53.1	122	194	390	463	548	655	817	961	1004	1132	1252		
HEBER	423809	N4031	W11125	5580	44.4	414	544	822	910	1005	1117	1273	1401	1438	1543	1638		
HIAWATHA	423896	N3929	W11101	7230	45.2	405	521	760	834	914	1007	1134	1238	1268	1354	1429		
JENSEN	424342	N4022	W10921	4720	45.4	570	782	1261	1419	1592	1798	2091	2336	2408	2614	2800		
KANAB	424508	N3703	W11232	4985	54.6	13	24	59	73	91	115	152	188	199	232	263		
LAKETOWN	424856	N4149	W11119	5988	42.0	523	678	1001	1102	1211	1338	1514	1657	1699	1817	1921		
LA VERKIN	424968	N3712	W11316	3200	58.6	3	6	20	26	33	44	61	78	83	100	116		
LEVAN	425065	N3933	W11152	5300	49.1	175	254	445	511	584	674	804	915	948	1044	1131		
LOA	425148	N3824	W11139	7045	43.2	397	513	754	830	911	1005	1136	1242	1273	1360	1438		
LOGAN UTAH STATE UNIV	425186	N4145	W11149	4785	48.0	225	322	554	634	722	829	984	1116	1155	1268	1371		
MANTI	425402	N3915	W11138	5740	47.6	214	297	485	547	616	698	815	914	943	1026	1101		
MEXICAN HAT	425582	N3709	W10952	4270	56.3	15	35	118	159	212	289	422	558	602	740	880		
MILFORD WSO //	425654	N3826	W11301	5028	49.1	149	226	420	489	568	666	811	936	974	1084	1185		
MOAB 4 NW	425733	N3836	W10936	3965	56.6	36	68	176	222	278	355	478	595	631	743	850		

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Utah																	
MODENA	425752	N3748	W11355	5460	49.3	92	141	271	318	372	439	539	627	653	730	802	
MONTICELLO	425805	N3752	W10920	6980	46.0	254	350	569	641	720	815	950	1063	1096	1191	1277	
MORGAN	425826	N4102	W11141	5070	45.8	320	434	688	770	860	967	1118	1244	1281	1386	1481	
MORONI	425837	N3932	W11135	5525	46.3	317	426	663	739	823	921	1060	1174	1208	1303	1389	
MOUNTAIN DELL DAM	425892	N4045	W11143	5420	46.5	231	313	496	555	620	698	807	898	924	1000	1068	
NEPHI	426135	N3943	W11150	5133	50.9	96	146	274	320	372	437	533	616	641	714	781	
OAK CITY	426357	N3923	W11220	5075	52.5	71	115	239	285	340	410	515	610	639	724	803	
OGDEN PIONEER PH	426404	N4115	W11157	4350	51.4	80	129	264	315	374	448	562	662	693	783	868	
OGDEN SUGAR FACTORY	426414	N4114	W11202	4280	50.8	84	140	301	364	437	532	677	809	849	968	1081	
ORDERVILLE	426534	N3716	W11238	5460	50.5	31	58	148	186	233	296	397	493	523	614	702	
PAROWAN	426686	N3751	W11250	5975	49.3	82	129	254	299	352	418	517	605	631	709	781	
PARTOUN	426708	N3939	W11353	4750	49.9	135	204	380	443	514	603	733	847	881	980	1072	
PINE VIEW DAM	426869	N4115	W11150	4940	44.2	571	726	1043	1141	1245	1366	1532	1667	1706	1816	1913	
RICHFIELD RADIO K SVC	427260	N3846	W11205	5270	48.5	134	196	345	397	455	527	630	719	745	821	891	
RICHMOND	427271	N4154	W11149	4680	46.9	287	397	648	731	823	933	1090	1221	1260	1370	1471	
RIVERDALE POWER HOUSE	427318	N4109	W11200	4390	50.7	87	139	282	335	397	476	595	701	733	827	915	
ROOSEVELT	427395	N4018	W10959	5094	46.8	445	637	1095	1251	1425	1637	1942	2203	2280	2502	2705	
SAINT GEORGE	427516	N3707	W11334	2760	61.8	0	2	9	13	19	27	42	57	63	79	96	
SALINA	427557	N3857	W11152	5190	49.5	136	200	360	416	479	556	669	767	796	880	957	
SANTAQUIN	427686	N3958	W11147	5120	50.2	92	149	309	369	440	530	667	789	826	936	1039	
SCIPIO	427714	N3915	W11206	5306	47.4	231	325	547	621	704	804	947	1068	1104	1207	1300	
SCOFIELD DAM	427724	N3947	W11107	7630	37.3	1286	1494	1874	1982	2093	2218	2383	2512	2548	2649	2737	
SILVER LAKE BRIGHTON	427846	N4036	W11135	8740	36.4	1219	1358	1596	1661	1727	1801	1895	1968	1988	2044	2092	
SNAKE CREEK PH	427909	N4033	W11130	5950	43.1	532	662	921	999	1082	1178	1307	1411	1441	1525	1599	
SPANISH FORK PWR HOUSE	428119	N4005	W11136	4720	51.6	83	131	262	311	368	439	546	641	670	755	834	
TIMPANOGOS CAVE	428733	N4026	W11143	5600	49.1	167	234	387	438	495	563	661	743	767	836	899	
TOOELE	428771	N4032	W11218	4820	50.8	75	120	241	286	339	405	506	595	621	701	775	
TROPIC	428847	N3737	W11205	6235	47.3	95	154	322	386	461	556	701	831	870	988	1097	
UTAH LAKE LEHI	428973	N4022	W11154	4497	48.6	149	225	416	484	562	658	799	921	958	1065	1163	
VERNAL AIRPORT	429111	N4027	W10931	5280	45.1	537	737	1188	1336	1499	1694	1970	2201	2269	2463	2638	
WENDOVER WSO //	429382	N4044	W11402	4237	52.3	128	182	308	351	399	456	539	609	630	689	743	
WOODRUFF	429595	N4132	W11109	6343	38.8	963	1194	1650	1787	1932	2100	2326	2507	2559	2706	2835	
ZION NATIONAL PARK	429717	N3713	W11259	4050	61.1	3	7	22	28	36	46	64	80	86	102	118	

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Vermont																		
BELLOWS FALLS	430499	N4308	W07227	300	45.7	644	773	1018	1089	1164	1249	1362	1452	1477	1549	1611		
BURLINGTON WSO	431081	N4428	W07309	332	44.1	927	1086	1379	1462	1549	1646	1775	1876	1905	1985	2054		
CAVENDISH	431243	N4323	W07236	800	43.6	881	1010	1242	1306	1373	1447	1545	1620	1642	1701	1752		
CHELSEA	431360	N4358	W07228	750	41.1	1248	1408	1688	1765	1844	1931	2045	2133	2158	2226	2285		
CORNWALL	431580	N4357	W07313	340	45.7	726	858	1105	1175	1249	1332	1442	1529	1554	1623	1683		
DORSET 1 S	431786	N4315	W07306	980	44.6	683	800	1016	1077	1141	1213	1308	1383	1404	1463	1514		
ENOSBURG FALLS	432769	N4455	W07249	422	43.4	1105	1246	1494	1562	1632	1710	1811	1889	1911	1971	2023		
MONTPELIER FAA AIRPORT	435278	N4412	W07234	1126	42.1	1065	1229	1525	1608	1694	1790	1917	2015	2043	2121	2187		
NEWPORT	435542	N4456	W07212	766	41.8	1236	1397	1681	1760	1840	1929	2046	2135	2161	2230	2291		
READSBORO 1 SSE	436761	N4245	W07256	1120	43.8	782	906	1130	1194	1259	1333	1429	1504	1526	1585	1636		
RUTLAND	436995	N4336	W07258	620	46.3	599	708	911	969	1030	1099	1190	1261	1282	1338	1388		
SAINT JOHNSBURY	437054	N4425	W07201	699	44.2	942	1080	1328	1397	1468	1548	1652	1733	1756	1819	1874		
VERNON	438600	N4246	W07231	225	46.2	589	706	930	995	1063	1140	1244	1326	1349	1415	1472		
WEST BURKE	439099	N4439	W07159	900	39.0	1572	1750	2058	2142	2227	2321	2443	2537	2563	2635	2697		
WOODSTOCK 2 WSW	439984	N4337	W07233	750	42.8	1000	1158	1444	1525	1609	1703	1826	1922	1949	2025	2090		
Virginia																		
BEDFORD	440551	N3721	W07931	975	56.7	13	24	57	70	86	108	142	173	182	211	239		
BIG MEADOWS	440720	N3831	W07826	3535	47.2	183	264	458	525	599	690	821	933	966	1062	1149		
BLACKSBURG 3 SE	440766	N3711	W08025	2000	51.4	55	92	202	245	296	362	463	556	584	668	747		
BUCHANAN	441121	N3732	W07941	870	56.3	17	30	69	85	104	130	169	205	216	250	282		
BURKES GARDEN	441209	N3705	W08120	3300	49.2	84	132	259	306	360	428	529	618	645	725	798		
CHARLOTTE COURT HOUSE	441585	N3703	W07838	560	56.2	21	36	82	100	122	151	195	235	248	285	320		
CHARLOTTESVILLE 2 W	441593	N3802	W07831	870	56.8	22	37	79	95	113	137	173	206	216	246	273		
CHATHAM 2 NE	441614	N3650	W07922	700	56.0	19	31	69	83	100	122	155	185	195	222	248		
COLUMBIA	441929	N3746	W07809	300	55.8	30	47	94	112	132	157	195	228	238	267	295		
CULPEPER	442155	N3828	W07800	420	55.9	25	43	100	122	149	185	240	291	306	353	398		
DALE ENTERPRISE	442208	N3827	W07856	1400	53.2	51	84	176	211	252	304	384	455	476	541	601		
DANVILLE-BRIDGE ST	442245	N3635	W07923	410	58.1	14	23	48	58	69	83	104	123	129	146	162		
DIAMOND SPRINGS	442368	N3654	W07612	25	59.3	9	15	33	40	47	57	73	86	90	103	114		
ELKWOOD 6 SE	442729	N3827	W07746	300	55.0	31	51	110	133	159	194	246	293	308	351	391		
FARMVILLE 2 N	442941	N3720	W07823	450	57.1	18	29	61	73	88	106	133	158	165	187	208		
FLOYD 2 NE	443071	N3656	W08018	2600	51.9	41	70	154	187	226	276	354	424	446	511	572		
FREDERICKSBURG NATL PK	443192	N3818	W07728	100	56.2	24	41	88	106	127	154	196	234	245	279	312		
HOLLAND 1 E	444044	N3641	W07647	80	58.5	15	24	45	53	61	72	88	102	106	118	129		

Footnotes:

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Virginia																			
HOPEWELL	444101	N3718	W07718	40	60.0	11	18	38	45	54	65	82	97	102	115	128			
HOT SPRINGS	444128	N3800	W07950	2238	51.4	53	90	202	246	298	366	472	569	599	687	772			
JOHN H KERR DAM	444414	N3636	W07817	323	57.7	18	29	58	69	81	96	120	140	146	165	182			
LANGLEY AIR FORCE BASE	444720	N3705	W07621	10	59.1	8	15	34	41	50	61	79	95	99	114	128			
LAWRENCEVILLE 5 W	444768	N3646	W07756	300	58.1	18	28	52	60	70	82	100	115	119	133	145			
LEXINGTON	444876	N3747	W07926	1060	55.4	20	36	86	106	131	164	215	262	277	321	364			
LINCOLN	444909	N3907	W07743	500	55.5	29	50	111	135	163	200	257	308	324	372	416			
LOUISA	445050	N3802	W07800	420	56.1	23	39	83	101	121	147	187	223	234	266	297			
LURAY 5 E	445096	N3840	W07823	1200	53.2	47	78	169	204	246	300	382	457	480	548	612			
LYNCHBURG WSO	445120	N3720	W07912	916	56.0	21	36	80	97	117	144	185	222	233	267	300			
MARTINSVILLE FILTER PLT	445300	N3642	W07953	760	55.7	18	31	68	83	101	123	158	189	199	227	255			
MOUNT WEATHER	445851	N3904	W07753	1720	51.2	114	170	309	357	413	481	580	666	692	766	835			
NORFOLK WSO	446139	N3654	W07612	22	59.5	5	10	26	33	42	53	72	89	95	111	127			
PAINTER 2 W	446475	N3735	W07549	30	57.5	10	18	44	54	67	84	111	136	143	166	189			
PENNINGTON GAP	446626	N3645	W08303	1510	54.3	35	58	124	149	179	218	277	330	346	394	440			
PIEDMONT RESEARCH STA	446712	N3813	W07807	515	55.4	31	52	114	138	166	203	259	310	326	372	416			
RICHMOND WSO	447201	N3730	W07720	164	57.7	16	28	61	74	90	110	141	169	178	204	228			
STAUNTON SEWAGE PLANT	448062	N3809	W07902	1385	53.2	36	64	150	185	227	283	370	450	475	550	622			
SUFFOLK LAKE KILBY	448192	N3644	W07636	22	58.8	13	20	39	47	55	65	80	94	98	110	121			
TIMBERVILLE 3 E	448448	N3839	W07843	1000	53.5	37	66	158	196	241	301	395	483	510	592	671			
WALKERTON 2 NW	448829	N3745	W07703	50	57.3	16	28	65	80	97	120	156	189	199	229	258			
WARRENTON 3 SE	448888	N3841	W07746	500	54.4	40	66	139	167	199	241	305	362	380	431	480			
WARSAW 2 NW	448894	N3759	W07646	140	57.4	16	28	62	76	92	112	144	172	181	207	232			
WILLIAMSBURG 2 N	449151	N3718	W07642	70	58.4	10	17	41	51	62	77	101	122	129	149	168			
WINCHESTER 1 N	449186	N3912	W07810	760	54.4	39	67	152	185	225	277	357	431	453	521	585			
WOODSTOCK	449263	N3853	W07831	887	54.6	25	46	116	146	183	231	309	383	406	476	543			
WYTHEVILLE 1 S	449301	N3656	W08105	2450	52.6	41	68	149	180	218	265	339	405	426	486	543			
Washington																			
ABERDEEN	450008	N4658	W12349	10	50.5	0	2	10	14	20	30	47	67	73	94	115			
ANACORTES	450176	N4831	W12237	30	50.5	2	5	20	27	37	50	74	97	105	129	154			
BATTLE GROUND	450482	N4547	W12232	295	51.1	2	6	25	34	47	65	98	131	142	177	212			
BELLINGHAM 2 N	450564	N4847	W12229	140	49.7	8	16	46	60	76	99	136	172	184	219	253			
BELLINGHAM FAA AIRPORT	450574	N4848	W12232	150	49.5	4	11	38	51	69	94	138	184	198	244	291			
BICKLETON	450668	N4600	W12018	3000	46.9	76	122	251	300	357	429	539	636	666	754	836			

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Washington																			
BLAINE 1 ENE	450729	N4900	W12244	80	49.2	8	17	48	61	78	102	140	178	189	225	261			
BUCKLEY 1 NE	450945	N4710	W12200	685	50.2	6	11	31	39	50	64	86	108	114	135	155			
CEDAR LAKE	451233	N4725	W12144	1560	47.2	8	17	51	67	88	116	164	212	227	274	321			
CENTRALIA	451276	N4643	W12257	185	51.5	1	4	18	26	36	50	77	104	113	142	172			
CHELAN	451350	N4750	W12002	1120	50.0	77	132	297	363	441	542	699	843	887	1019	1145			
CHEWELAH 4 SSW	451395	N4813	W11745	1675	45.6	211	308	547	629	722	836	1001	1143	1186	1308	1420			
CHIEF JOSEPH DAM	451400	N4800	W11939	810	49.9	127	200	397	470	554	660	820	961	1004	1129	1246			
CLEARBROOK	451484	N4858	W12220	64	49.1	14	27	74	94	120	154	210	264	281	333	383			
CLEARWATER	451496	N4735	W12418	75	49.4	1	3	12	17	23	33	49	66	71	89	107			
CLE ELUM	451504	N4711	W12057	1930	46.1	96	156	320	382	455	547	686	811	848	960	1065			
COLFAX 1 NW	451586	N4653	W11723	1955	48.2	35	67	176	223	280	358	484	605	642	757	869			
COLVILLE AP	451650	N4833	W11753	1885	46.2	207	299	524	601	688	793	946	1077	1116	1229	1331			
CONCRETE	451679	N4833	W12146	195	50.7	5	10	32	43	55	73	103	133	142	171	200			
COULEE DAM 1 SW	451767	N4757	W11900	1630	49.6	115	182	361	428	505	602	747	876	915	1029	1135			
COUPEVILLE 1 S	451783	N4812	W12242	50	49.7	2	5	21	28	38	53	79	106	115	143	171			
DALLESPORT FAA AIRPORT	451968	N4537	W12109	222	53.4	24	46	119	150	189	240	324	403	428	503	577			
DAVENPORT	452007	N4739	W11809	2460	46.0	173	259	478	555	643	752	912	1051	1092	1213	1324			
DAYTON 1 WSW	452030	N4619	W11800	1557	50.9	34	62	150	187	231	290	382	469	496	577	655			
DIABLO DAM	452157	N4843	W12109	891	48.5	5	15	66	94	132	189	296	410	449	572	700			
ELECTRON HEADWORKS	452493	N4654	W12202	1730	46.4	11	21	55	70	88	112	151	189	200	236	270			
ELMA	452531	N4700	W12324	68	51.3	1	4	16	23	31	43	64	87	94	116	140			
ELWHA RANGER STATION	452548	N4802	W12335	360	48.8	0	2	16	25	38	59	100	147	164	218	278			
EPHRATA FAA AIRPORT	452614	N4718	W11932	1259	51.2	99	162	341	409	489	592	748	888	931	1057	1176			
EVERETT	452675	N4759	W12211	60	50.5	3	8	26	35	46	61	88	114	122	149	175			
FORKS 1 E	452914	N4757	W12422	350	49.4	1	4	14	20	26	36	53	70	76	94	111			
GLENOMA 1 W	453177	N4631	W12210	870	49.8	4	9	27	35	46	61	86	110	118	142	165			
GRAPEVIEW 3 SW	453284	N4718	W12252	30	51.6	0	1	10	14	21	31	49	70	77	99	122			
HATTON 9 ESE	453546	N4645	W11839	1430	50.2	55	98	235	291	359	448	590	722	763	886	1004			
HOQUIAM FAA AIRPORT	453807	N4658	W12356	14	50.5	0	2	10	14	20	29	46	63	69	88	108			
KENNEWICK	454154	N4613	W11908	392	53.9	14	32	108	146	194	264	386	509	549	674	801			
KENT	454169	N4723	W12216	32	51.5	4	8	25	32	42	55	78	99	106	127	148			
KID VALLEY	454201	N4622	W12237	690	49.6	4	9	30	40	53	70	100	130	139	169	198			
LACROSSE 3 ESE	454338	N4648	W11749	1546	49.7	36	69	187	238	301	388	528	664	706	836	963			
LANDSBURG	454486	N4723	W12158	535	49.0	6	13	34	43	55	70	94	117	124	146	167			

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Washington																	
LAURIER	454549	N4900	W11814	1644	45.9	254	359	603	685	776	886	1044	1178	1217	1330	1433	
LONGVIEW	454769	N4610	W12255	12	51.5	1	5	19	27	37	51	77	105	113	142	170	
MC MILLIN RESERVOIR	455224	N4708	W12216	579	49.7	5	11	34	45	58	76	107	137	146	175	204	
MONROE	455525	N4751	W12159	120	51.2	3	8	26	34	45	61	87	113	122	148	174	
MOSES LAKE 3 E	455613	N4707	W11912	1208	49.0	89	149	327	396	478	584	747	895	941	1076	1204	
MOUNT ADAMS RANGER STA	455659	N4600	W12132	1960	46.8	42	74	174	215	264	328	429	522	551	638	721	
MOXEE CITY 10 E	455688	N4631	W12010	1550	48.4	62	110	256	316	387	480	627	763	805	931	1051	
MUD MOUNTAIN DAM	455704	N4709	W12156	1308	48.4	7	13	37	48	61	78	107	135	144	170	196	
NEWHALEM	455840	N4841	W12115	525	49.5	8	18	56	73	96	127	181	234	250	303	355	
NEWPORT	455844	N4811	W11703	2135	45.1	193	279	489	561	641	740	883	1005	1041	1146	1242	
NORTHPORT	455946	N4855	W11747	1350	48.1	148	220	400	463	534	622	751	862	896	992	1081	
OAKVILLE	456011	N4650	W12313	85	50.4	2	6	23	32	43	59	89	119	129	160	192	
ODESSA	456039	N4720	W11840	1540	49.2	65	115	268	330	404	502	656	798	841	973	1099	
OLGA 2 SE	456096	N4837	W12248	80	49.3	3	6	22	29	39	52	75	97	104	127	149	
OMAK 2 NW	456123	N4826	W11932	1228	47.5	210	313	574	666	771	900	1090	1254	1303	1446	1577	
OTHELLO 6 ESE	456215	N4648	W11903	1190	50.4	61	108	254	314	386	480	629	767	810	938	1060	
PALMER 3 ESE	456295	N4718	W12151	920	49.2	6	12	38	49	64	85	119	153	163	197	229	
POMEROY	456610	N4628	W11737	1810	50.8	27	53	142	181	229	294	402	504	537	636	732	
PORT ANGELES	456624	N4807	W12326	99	49.4	1	3	12	17	23	33	50	68	74	92	111	
PROSSER 4 NE	456768	N4615	W11945	903	50.9	31	61	169	217	277	359	494	624	665	791	915	
PULLMAN 2 NW	456789	N4646	W11712	2545	47.1	61	105	241	295	360	445	578	700	738	850	957	
PUYALLUP 2 W EXP STA	456803	N4712	W12220	50	51.2	3	7	24	32	42	56	80	104	112	136	160	
QUILCENE 2 SW	456846	N4749	W12255	123	49.9	1	3	17	25	36	53	84	119	131	169	209	
QUINCY 1 S	456880	N4713	W11951	1274	49.6	104	172	367	442	531	644	818	975	1023	1165	1299	
RAINIER PARADISE RS //	456898	N4647	W12144	5427	37.6	385	500	742	818	900	995	1127	1236	1267	1356	1435	
REPUBLIC	456974	N4839	W11844	2610	42.6	457	597	894	988	1089	1207	1371	1505	1544	1655	1754	
RICHLAND	457015	N4617	W11917	357	54.6	28	53	136	172	216	276	371	462	491	577	661	
RITZVILLE 1 SSE	457059	N4707	W11822	1830	48.3	81	137	302	367	444	544	698	838	881	1009	1130	
ROSALIA	457180	N4714	W11722	2400	46.7	73	126	285	348	424	522	676	817	860	990	1113	
SEATTLE-TACOMA WSO	457473	N4727	W12218	400	51.4	1	4	17	23	32	44	67	91	99	123	148	
SEATTLE U OF W	457478	N4739	W12217	96	52.8	0	2	12	17	23	33	50	68	74	93	113	
SEDRO WOOLLEY	457507	N4830	W12214	50	50.3	3	8	28	38	51	70	103	136	147	181	215	
SEQUIM	457538	N4805	W12306	180	49.8	1	3	15	21	28	40	61	82	90	112	135	
SHELTON	457584	N4712	W12306	22	51.0	1	3	15	22	32	46	72	99	109	139	170	

Footnotes:

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Washington																			
SNOQUALMIE FALLS	457773	N4733	W12151	440	50.2	4	9	28	37	48	63	88	114	122	146	171			
SPOKANE WSO //	457938	N4738	W11732	2349	47.2	133	208	405	477	560	664	820	957	998	1120	1232			
SPRAGUE	457956	N4718	W11759	1930	47.6	88	147	317	383	460	559	712	850	893	1018	1136			
STAMPEDE PASS WSO //	458009	N4717	W12120	3958	39.3	383	490	710	777	850	935	1051	1145	1172	1249	1318			
STARTUP 1 E	458034	N4752	W12143	170	51.0	2	5	21	28	38	52	77	103	111	137	164			
STEHEKIN 3 NW	458059	N4820	W12042	1150	47.4	49	87	203	251	308	383	501	610	644	745	842			
SUNNYSIDE	458207	N4619	W12000	747	52.1	23	48	143	187	243	320	449	577	618	743	868			
TACOMA CITY HALL	458286	N4715	W12226	267	52.3	0	2	10	15	21	31	49	68	75	95	117			
VANCOUVER 4 NNE	458773	N4541	W12239	210	51.9	3	7	29	40	54	76	114	153	166	207	249			
WALLA-WALLA FAA AP	458928	N4606	W11817	1170	53.4	35	62	147	182	223	278	365	445	469	544	615			
WALLA WALLA WSO	458931	N4602	W11820	949	54.1	23	45	123	156	199	256	350	440	469	556	641			
WAPATO	458959	N4626	W12025	850	52.9	24	50	144	188	243	318	445	569	609	731	851			
WATERVILLE	459012	N4739	W12004	2620	45.2	290	405	671	760	858	976	1144	1286	1328	1448	1557			
WENATCHEE	459074	N4725	W12019	634	51.3	47	88	224	281	352	447	600	745	790	927	1060			
WILBUR	459238	N4745	W11842	2160	46.7	137	215	424	501	590	702	870	1018	1063	1194	1317			
WILLAPA HARBOR	459291	N4641	W12345	10	51.3	0	2	10	14	19	28	42	58	63	80	97			
WILSON CREEK	459327	N4725	W11907	1276	49.3	83	140	306	371	448	547	701	840	882	1009	1129			
WINTHROP 1 WSW	459376	N4828	W12011	1755	44.5	549	698	1003	1097	1197	1314	1473	1603	1640	1745	1839			
YAKIMA WSO //	459465	N4634	W12032	1064	49.7	51	93	228	284	352	443	587	721	763	890	1011			
West Virginia																			
ATHENS CONCORD COLLEGE	460355	N3726	W08100	2590	51.9	59	95	194	231	274	329	412	486	509	575	637			
BAYARD	460527	N3916	W07922	2375	47.0	199	284	489	559	637	732	869	985	1020	1119	1210			
BECKLEY V A HOSPITAL	460580	N3747	W08111	2330	50.4	72	119	252	303	363	440	557	663	695	790	880			
BLUESTONE DAM	460939	N3739	W08053	1388	53.0	50	84	181	218	263	320	407	486	510	582	649			
BRANDONVILLE	461083	N3940	W07937	1798	48.1	181	269	487	564	651	758	915	1051	1091	1209	1317			
BUCKHANNON 2 W	461220	N3900	W08016	1445	51.7	71	117	247	298	357	432	547	651	683	777	865			
CAIRO 3 S	461328	N3910	W08110	680	53.4	61	101	217	261	313	380	483	576	604	688	767			
CANAAN VALLEY	461393	N3903	W07926	3250	46.0	230	328	560	639	727	833	986	1116	1155	1266	1367			
CLARKSBURG 1	461677	N3916	W08021	977	52.0	79	127	259	308	366	440	550	649	679	768	851			
ELKINS WSO //	462718	N3853	W07951	1992	49.4	115	179	347	408	478	567	698	814	848	950	1045			
FAIRMONT	462920	N3928	W08008	1298	52.3	64	109	241	293	355	434	557	669	704	806	903			
FLAT TOP	463072	N3735	W08106	3335	47.9	150	226	418	487	565	661	803	926	963	1071	1170			
FRANKLIN 2 NE	463215	N3840	W07919	1900	51.7	50	84	185	224	271	331	423	508	533	610	683			
GASSAWAY	463361	N3840	W08046	840	54.1	41	70	159	194	236	290	374	451	475	546	613			

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West Virginia																				
GLENVILLE 2 NE	463544	N3857	W08049	840	52.8	53	94	222	274	338	421	552	674	712	825	934				
HAMLIN	463846	N3817	W08206	642	53.4	58	97	210	253	304	370	472	563	591	674	753				
HOGSETT GALLIPOLIS DAM	464200	N3841	W08211	570	53.0	74	118	236	280	331	395	492	577	603	679	750				
KEARNEYSVILLE 1 NW WBASO	464763	N3923	W07753	550	52.6	52	90	204	249	303	373	483	583	613	705	793				
LEWISBURG 2 SSW	465224	N3746	W08028	2185	51.9	67	106	211	250	295	352	437	512	535	602	664				
LONDON LOCKS	465365	N3812	W08122	623	54.4	31	58	147	185	231	293	392	486	515	604	690				
MADISON	465563	N3803	W08149	675	54.3	40	71	164	202	247	306	399	484	510	589	664				
MANNINGTON 1 N	465621	N3933	W08021	975	51.5	92	147	301	359	426	511	640	755	790	893	990				
MARTINSBURG FAA AP	465707	N3924	W07759	537	53.2	53	89	193	234	281	343	438	524	550	629	703				
MCROSS	465871	N3759	W08045	2450	50.1	93	147	293	347	409	488	606	710	742	835	921				
MIDDLEBOURNE 2 ESE	465963	N3929	W08052	750	52.1	81	130	265	315	375	450	563	664	695	785	870				
MORGANTOWN FAA AIRPORT	466202	N3939	W07955	1240	52.5	91	142	274	323	379	449	553	644	672	753	828				
MORGANTOWN L AND D	466212	N3937	W07958	825	52.3	62	106	236	287	348	427	550	662	696	798	896				
NEW CUMBERLAND	466442	N4030	W08036	750	52.6	72	120	258	312	375	456	581	694	728	830	927				
OAK HILL	466591	N3758	W08109	1991	51.3	92	140	262	306	356	418	509	589	613	682	747				
PARKERSBURG FAA AP	466849	N3921	W08126	831	53.5	67	110	233	280	336	407	515	613	643	731	815				
PICKENS 1	466991	N3840	W08013	2750	48.3	148	220	399	462	533	621	750	861	894	990	1079				
PINEVILLE	467029	N3735	W08132	1280	53.3	49	83	186	226	274	337	433	521	548	629	706				
RAVENSWOOD LOCK PARK	467352	N3857	W08146	584	54.7	35	62	147	182	223	278	364	444	469	543	615				
ROWLESBURG 1	467785	N3921	W07940	1400	51.5	84	135	275	328	389	467	585	690	722	816	904				
SPENCER	468384	N3848	W08121	964	53.8	43	74	170	209	255	315	409	495	522	601	677				
SPRUCE KNOB	468433	N3841	W07931	3050	47.2	165	255	491	577	676	799	983	1144	1192	1334	1465				
UNION	469011	N3736	W08032	1975	50.8	75	121	247	295	350	420	526	621	650	734	813				
WARDENSVILLE R M FARM	469281	N3906	W07835	960	51.4	80	127	256	304	360	430	536	631	659	743	822				
WEBSTER SPRINGS 1 E	469333	N3829	W08025	1540	53.4	35	63	156	194	241	303	401	493	522	609	692				
WELLSBURG 3 NE	469368	N4018	W08035	668	51.8	80	132	283	341	409	497	631	752	789	899	1002				
WESTON	469436	N3902	W08028	1026	52.2	64	110	248	303	368	453	584	704	741	852	956				
WHEELING FILT PLANT	469484	N4007	W08042	665	52.2	77	127	268	323	387	469	594	706	741	842	938				
WHITE SULPHUR SPRINGS	469522	N3748	W08018	1920	52.9	46	78	169	205	247	301	384	459	482	551	616				
Wisconsin																				
AMERY	470175	N4518	W09222	1070	42.1	1468	1688	2085	2196	2311	2439	2607	2738	2775	2877	2966				
ANTIGO 1 SSW	470239	N4508	W08909	1450	42.1	1359	1532	1837	1921	2007	2103	2227	2322	2349	2424	2488				
APPLETON	470265	N4415	W08823	730	45.1	882	1047	1357	1447	1540	1646	1786	1897	1928	2016	2093				
ASHLAND EXP FARM	470349	N4634	W09058	650	40.7	1409	1606	1956	2053	2153	2265	2410	2523	2555	2643	2719				

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Wisconsin																				
BARABOO	470516	N4328	W08944	823	44.5	885	1074	1439	1546	1659	1788	1962	2100	2139	2249	2346				
BAYFIELD 6 N	470603	N4653	W09049	820	41.5	1208	1389	1715	1806	1901	2006	2144	2252	2282	2367	2440				
BELOIT	470696	N4230	W08902	780	48.9	454	590	875	964	1060	1173	1329	1456	1493	1598	1691				
BLAIR	470882	N4418	W09114	850	44.0	1042	1257	1670	1790	1917	2061	2254	2407	2451	2574	2681				
BLOOMER	470904	N4506	W09129	999	43.1	1193	1410	1814	1930	2051	2188	2369	2512	2552	2665	2763				
BRODHEAD	471078	N4237	W08923	790	46.3	719	887	1220	1320	1425	1546	1709	1840	1878	1984	2077				
BRULE ISLAND	471139	N4557	W08813	1250	39.0	1637	1837	2187	2283	2381	2490	2631	2740	2770	2854	2927				
BURLINGTON	471205	N4240	W08816	760	46.1	672	827	1131	1221	1317	1427	1575	1694	1727	1823	1907				
CHILTON	471568	N4402	W08809	840	45.6	820	984	1296	1387	1481	1589	1734	1848	1880	1971	2051				
CODDINGTON 1 E	471708	N4422	W08932	1060	42.1	1268	1463	1816	1915	2018	2132	2283	2400	2433	2525	2605				
CRIVITZ HIGH FALLS	471897	N4517	W08812	827	42.6	1208	1380	1689	1774	1863	1961	2090	2191	2219	2297	2365				
CUMBERLAND	471923	N4532	W09201	1240	42.8	1519	1692	1989	2070	2152	2243	2361	2452	2477	2547	2607				
DALTON	471970	N4339	W08912	857	45.3	867	1035	1351	1443	1539	1648	1792	1907	1940	2031	2110				
DANBURY	471978	N4601	W09222	950	40.9	1645	1831	2153	2240	2329	2428	2556	2653	2681	2757	2822				
DARLINGTON	472001	N4241	W09007	930	46.4	660	828	1166	1268	1377	1503	1675	1814	1853	1966	2065				
DODGEVILLE 1 NE	472173	N4258	W09007	1160	45.8	808	970	1277	1366	1459	1566	1708	1821	1853	1942	2021				
EAU CLAIRE FAA AP	472428	N4452	W09129	888	43.0	1397	1583	1912	2003	2096	2200	2336	2441	2470	2552	2622				
EL DORADO	472507	N4348	W08838	865	45.2	834	1012	1356	1458	1564	1686	1849	1979	2016	2120	2212				
FOND DU LAC	472839	N4348	W08827	760	45.6	814	982	1304	1399	1497	1610	1761	1881	1915	2011	2094				
FORT ATKINSON	472869	N4254	W08850	815	47.2	598	764	1106	1212	1325	1457	1637	1784	1827	1947	2053				
GENOA DAM 8	473038	N4334	W09114	639	46.9	753	923	1255	1354	1458	1577	1738	1867	1903	2007	2098				
GERMANTOWN	473058	N4313	W08807	850	45.5	666	832	1164	1264	1371	1494	1662	1796	1835	1944	2040				
GORDON	473186	N4614	W09145	1060	40.3	1632	1850	2235	2341	2450	2572	2730	2852	2887	2982	3064				
GRANTSBURG	473244	N4547	W09241	940	41.1	1658	1861	2216	2313	2413	2523	2666	2776	2807	2892	2966				
GREEN BAY WSO AP	473269	N4429	W08808	682	43.6	1059	1235	1558	1650	1745	1852	1994	2104	2136	2223	2298				
HANCOCK EXP FARM	473405	N4407	W08932	1076	44.2	1129	1303	1617	1705	1796	1898	2032	2137	2166	2248	2319				
HATFIELD HYDRO PLANT	473471	N4424	W09044	953	43.7	1148	1334	1673	1769	1868	1980	2127	2242	2275	2365	2444				
HILLSBORO	473654	N4339	W09020	940	45.3	840	1026	1388	1496	1609	1738	1913	2052	2091	2203	2301				
HOLCOMBE	473698	N4513	W09108	1030	43.1	1334	1512	1826	1913	2002	2102	2231	2331	2359	2437	2504				
JANESVILLE	473979	N4240	W08901	760	48.5	521	662	952	1041	1137	1247	1399	1522	1557	1657	1746				
KENOSHA	474174	N4233	W08748	600	46.8	428	555	824	908	999	1105	1252	1372	1406	1505	1593				
KEWAUNEE	474195	N4427	W08731	689	44.1	698	851	1145	1232	1324	1429	1569	1682	1714	1804	1883				
LA CROSSE FAA AP	474370	N4352	W09115	651	46.1	883	1062	1404	1504	1609	1728	1887	2014	2050	2150	2239				
LADYSMITH	474391	N4528	W09105	1158	42.3	1316	1504	1840	1934	2030	2138	2278	2387	2418	2503	2577				

Footnotes:

* Probability of occurrence less than indicated probability (Value=0)

** No Freezing Index Values Recorded during 1951-80 period (Value=0)

Air Freezing Index- USA Method (Base 32^o Fahrenheit)

Air Freezing Index Return Periods (^oF-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (^o F)	Air Freezing Index Return Periods (^o F-Days) & Associated Probabilities (%)												
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Wisconsin																		
LAKE GENEVA	474457	N4236	W08826	880	47.9	540	678	955	1039	1128	1231	1372	1485	1518	1610	1691		
LAKE MILLS	474482	N4304	W08855	840	47.0	668	827	1144	1239	1340	1456	1613	1739	1775	1876	1966		
LANCASTER	474546	N4252	W09042	1080	46.7	719	888	1221	1320	1426	1547	1710	1842	1879	1985	2078		
LONE ROCK FAA AIRPORT //	474821	N4312	W09011	714	45.2	845	1043	1434	1551	1674	1816	2009	2163	2207	2331	2440		
LONG LAKE DAM	474829	N4554	W08908	1630	39.2	1706	1892	2212	2299	2387	2485	2611	2707	2734	2809	2873		
LYNXVILLE DAM 9	474937	N4313	W09106	633	47.4	692	857	1185	1284	1388	1508	1671	1801	1838	1944	2037		
MADLINE ISLAND	474953	N4650	W09038	615	40.8	1116	1301	1642	1739	1839	1952	2101	2217	2250	2342	2422		
MANITOWOC	475017	N4406	W08741	660	45.3	628	778	1076	1166	1260	1369	1517	1635	1669	1765	1849		
MARINETTE	475091	N4506	W08738	605	45.9	717	860	1132	1211	1294	1389	1515	1614	1643	1722	1792		
MARSHFIELD EXP FARM	475120	N4439	W09008	1250	42.4	1286	1469	1797	1889	1983	2088	2225	2332	2362	2445	2517		
MATHER 5 NW	475164	N4411	W09023	982	43.1	1214	1392	1711	1800	1891	1994	2128	2232	2262	2343	2414		
MEDFORD	475255	N4508	W09021	1470	41.2	1476	1672	2020	2116	2215	2325	2468	2578	2609	2696	2770		
MELLEN	475286	N4619	W09039	1230	40.2	1559	1767	2135	2236	2341	2457	2608	2725	2758	2849	2927		
MENOMONIE	475335	N4453	W09156	780	44.7	1108	1293	1632	1728	1827	1939	2087	2203	2236	2327	2406		
MERRILL	475364	N4511	W08944	1270	41.8	1302	1513	1898	2007	2120	2246	2413	2544	2580	2683	2772		
MILWAUKEE MT MARY COL	475474	N4304	W08802	726	47.5	532	667	940	1023	1111	1213	1351	1463	1495	1586	1666		
MINOCQUA DAM	475516	N4553	W08944	1589	39.9	1608	1805	2149	2243	2340	2447	2585	2692	2722	2805	2876		
MONDOVI	475563	N4434	W09140	815	44.4	1101	1289	1637	1736	1839	1955	2108	2228	2262	2357	2439		
MONTELLO	475581	N4348	W08919	790	44.9	924	1097	1421	1515	1613	1723	1870	1986	2019	2111	2192		
NEILLSVILLE 3 SW	475808	N4432	W09038	1045	42.8	1274	1460	1794	1888	1984	2091	2232	2342	2372	2458	2532		
NEW LONDON	475932	N4423	W08844	780	44.9	977	1144	1452	1540	1632	1734	1870	1977	2007	2091	2164		
NORTH PELICAN	476122	N4538	W08915	1610	39.6	1646	1847	2199	2295	2394	2503	2645	2754	2785	2870	2943		
OCONOMOWOC	476200	N4306	W08830	860	46.6	656	820	1148	1246	1352	1473	1638	1771	1809	1917	2012		
OCONTO 4 W	476208	N4454	W08757	660	44.0	888	1068	1412	1512	1617	1737	1897	2024	2060	2162	2250		
OSHKOSH	476330	N4403	W08833	753	45.2	877	1046	1366	1459	1555	1665	1812	1928	1961	2053	2133		
OWEN	476357	N4457	W09032	1240	40.4	1663	1867	2222	2320	2419	2530	2673	2784	2815	2900	2974		
PARK FALLS	476398	N4556	W09027	1517	40.5	1567	1751	2071	2159	2248	2347	2474	2573	2600	2677	2742		
PINE RIVER 3 NE	476594	N4411	W08902	875	44.8	940	1111	1429	1521	1616	1724	1867	1979	2011	2100	2178		
PITTSVILLE	476622	N4427	W09007	1040	43.5	1147	1324	1643	1732	1825	1929	2065	2171	2201	2284	2356		
PLATTEVILLE	476646	N4245	W09029	1015	46.9	647	811	1143	1243	1350	1474	1642	1778	1817	1927	2025		
PLYMOUTH	476678	N4345	W08759	865	45.5	746	897	1186	1270	1359	1459	1594	1701	1731	1816	1891		
PORTAGE	476718	N4332	W08926	800	46.2	723	889	1216	1313	1416	1534	1694	1821	1858	1961	2051		
PRAIRIE DU CHIEN	476827	N4302	W09109	658	48.1	627	790	1120	1221	1328	1452	1621	1758	1797	1908	2006		
PRAIRIE DU SAC 2 N //	476838	N4319	W08944	780	46.1	781	954	1291	1391	1496	1616	1778	1908	1945	2048	2140		

Footnotes:

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

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Wisconsin																			
PRENTICE 1 N	476859	N4533	W09017	1568	39.7	1678	1868	2197	2286	2377	2478	2608	2708	2736	2813	2880			
RACINE	476922	N4243	W08751	730	47.5	434	564	837	922	1014	1122	1271	1392	1428	1528	1617			
RAINBOW RESERVOIR	476939	N4550	W08933	1600	39.9	1574	1779	2141	2241	2343	2457	2605	2719	2751	2840	2917			
REEDSBURG	477052	N4332	W09001	905	45.9	789	952	1264	1355	1451	1560	1706	1822	1855	1948	2029			
REST LAKE	477092	N4608	W08953	1600	40.1	1632	1816	2136	2223	2311	2409	2535	2632	2660	2735	2799			
RHINELANDER	477113	N4538	W08925	1580	41.2	1484	1665	1983	2070	2158	2257	2385	2483	2511	2588	2653			
RICHLAND CENTER	477158	N4320	W09023	728	46.4	691	864	1208	1313	1423	1551	1725	1865	1905	2018	2118			
RIVER FALLS	477226	N4452	W09237	900	44.2	1227	1411	1742	1835	1931	2038	2178	2288	2318	2404	2478			
ROSHOLT	477349	N4438	W08918	1185	43.1	1250	1417	1711	1793	1876	1970	2091	2184	2211	2284	2347			
ST CROIX FALLS	477464	N4525	W09239	770	42.9	1428	1627	1982	2080	2181	2294	2442	2556	2588	2678	2755			
SHAWANO	477708	N4446	W08837	810	44.3	958	1132	1457	1550	1647	1757	1902	2017	2049	2140	2219			
SHEBOYGAN	477725	N4345	W08743	648	46.3	555	683	934	1009	1088	1178	1301	1399	1427	1506	1575			
SOLON SPRINGS	477892	N4621	W09149	1083	41.1	1585	1772	2096	2185	2275	2375	2504	2604	2632	2709	2775			
SPARTA	477997	N4357	W09048	845	44.9	887	1095	1506	1628	1758	1908	2109	2271	2317	2448	2562			
SPOONER EXP FARM	478027	N4549	W09153	1100	41.7	1519	1713	2053	2147	2243	2350	2488	2596	2626	2709	2780			
STANLEY	478110	N4458	W09056	1120	42.6	1360	1541	1862	1950	2041	2142	2274	2376	2405	2484	2553			
STEVENS POINT	478171	N4430	W08934	1079	43.8	1146	1314	1615	1699	1785	1882	2009	2107	2135	2212	2279			
STOUGHTON	478229	N4255	W08913	840	46.7	637	796	1114	1211	1313	1431	1591	1720	1757	1861	1954			
STURGEON BAY EXP FARM	478267	N4452	W08720	656	44.1	798	955	1252	1338	1428	1531	1667	1776	1806	1892	1968			
SUPERIOR	478349	N4642	W09201	630	39.7	1435	1645	2022	2127	2236	2357	2516	2639	2674	2770	2854			
TREMPEALEAU DAM 6	478589	N4400	W09126	660	45.9	862	1054	1426	1536	1652	1785	1964	2107	2147	2262	2363			
TWO RIVERS	478672	N4409	W08734	599	44.1	633	774	1047	1128	1213	1311	1442	1547	1577	1661	1735			
VIROQUA	478827	N4334	W09054	1240	44.7	1007	1189	1530	1628	1730	1845	1998	2119	2153	2248	2331			
WASHINGTON ISLAND	478905	N4522	W08656	612	42.9	752	913	1224	1315	1411	1521	1668	1785	1819	1913	1995			
WATERTOWN	478919	N4312	W08843	837	46.9	652	808	1118	1210	1309	1422	1575	1698	1733	1833	1920			
WAUKESHA	478937	N4301	W08814	860	46.7	633	774	1047	1128	1213	1311	1442	1547	1577	1661	1735			
WAUPACA	478951	N4421	W08904	840	45.1	931	1095	1400	1487	1577	1679	1815	1921	1951	2035	2108			
WAUSAU FAA AIRPORT	478968	N4455	W08937	1196	42.4	1361	1535	1840	1924	2010	2106	2230	2326	2353	2427	2492			
WEST ALLIS	479046	N4301	W08759	723	48.0	491	625	898	982	1072	1177	1319	1435	1469	1563	1647			
WEST BEND	479050	N4324	W08811	940	45.5	732	889	1191	1280	1373	1480	1623	1738	1770	1862	1942			
WHITEWATER	479190	N4251	W08844	800	47.7	548	693	990	1080	1177	1289	1443	1567	1603	1704	1793			
WILLOW RESERVOIR	479236	N4543	W08951	1560	40.0	1572	1791	2181	2290	2401	2525	2688	2814	2849	2947	3032			
WINTER 6 NNW	479304	N4553	W09104	1310	38.3	1877	2098	2482	2587	2694	2812	2965	3083	3116	3208	3286			
WISCONSIN DELLS	479319	N4338	W08947	880	45.0	898	1072	1400	1495	1594	1707	1857	1976	2010	2104	2186			

Footnotes:

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Wisconsin																			
WISCONSIN RAPIDS	479335	N4423	W08948	1035	43.3	1198	1373	1688	1776	1866	1967	2100	2203	2232	2312	2382			
Wyoming																			
AFTON	480027	N4244	W11056	6210	38.7	1101	1289	1637	1736	1839	1955	2108	2228	2262	2357	2439			
ALBIN	480080	N4125	W10406	5345	46.9	268	351	528	584	645	716	814	895	918	985	1045			
ALTA 1 NNW	480140	N4346	W11102	6431	39.7	975	1125	1396	1472	1551	1639	1755	1845	1871	1942	2003			
ALVA 5 SE	480200	N4439	W10421	4390	41.8	725	880	1179	1267	1360	1466	1608	1721	1753	1843	1923			
ARCHER	480270	N4109	W10439	6010	45.9	273	359	546	605	669	744	849	936	961	1032	1096			
BASIN	480540	N4423	W10803	3837	45.9	568	766	1207	1349	1505	1690	1951	2167	2230	2411	2574			
BONDURANT 3 NW	480865	N4314	W11026	6504	33.3	2069	2287	2660	2761	2864	2977	3122	3234	3265	3351	3425			
BORDER 3 N	480915	N4215	W11102	6120	38.2	1302	1518	1916	2029	2146	2278	2451	2587	2626	2733	2826			
BOYSEN DAM	481000	N4325	W10811	4642	47.6	429	604	1015	1153	1307	1492	1757	1982	2048	2239	2413			
BUFFALO BILL DAM	481175	N4430	W10911	5156	46.8	108	174	356	425	505	606	760	897	939	1062	1177			
CARPENTER 3 E	481547	N4102	W10418	5390	47.0	232	308	469	521	577	642	734	810	832	894	950			
CASPER 2 E	481565	N4251	W10616	5195	47.4	230	309	484	541	603	676	779	864	889	960	1024			
CASPER WSO //	481570	N4255	W10628	5338	45.2	441	569	833	916	1004	1107	1249	1365	1398	1493	1578			
CHUGWATER	481730	N4145	W10449	5282	46.7	200	270	426	476	531	597	689	766	788	852	909			
CODY	481840	N4433	W10904	4990	46.0	256	370	647	743	850	980	1170	1331	1379	1518	1645			
COLONY	481905	N4456	W10412	3553	46.2	504	660	992	1097	1210	1343	1528	1680	1724	1849	1961			
CRANDALL CREEK	482135	N4454	W10940	6600	38.2	1040	1200	1489	1570	1654	1748	1872	1968	1995	2071	2136			
DEAVER	482415	N4453	W10836	4105	44.7	580	760	1143	1263	1394	1547	1760	1934	1985	2129	2258			
DILLINGER	482580	N4407	W10507	4306	43.8	674	843	1179	1281	1389	1514	1683	1820	1859	1969	2067			
DIVERSION DAM	482595	N4314	W10856	5574	44.3	427	579	916	1026	1146	1289	1490	1658	1707	1847	1973			
DIXON	482610	N4102	W10732	6360	41.3	812	999	1366	1475	1590	1723	1902	2045	2086	2201	2303			
DULL CENTER 1 SE	482725	N4325	W10457	4415	46.6	351	472	739	825	919	1031	1188	1318	1356	1465	1562			
ELK MOUNTAIN	482995	N4141	W10625	7265	41.5	632	755	986	1053	1122	1202	1308	1391	1415	1481	1539			
ENCAMPMENT 10 ESE	483045	N4111	W10637	7387	41.7	703	823	1046	1109	1175	1249	1346	1423	1445	1506	1558			
EVANSTON 1 E	483100	N4116	W11057	6780	39.8	838	1027	1397	1506	1622	1755	1934	2077	2118	2233	2334			
FARSON	483170	N4207	W10927	6591	37.3	1410	1701	2258	2422	2593	2788	3049	3256	3315	3481	3626			
GILLETTE 2 E	483855	N4417	W10528	4556	45.0	502	647	948	1041	1141	1259	1420	1552	1590	1698	1794			
GILLETTE 18 SW	483865	N4405	W10543	4903	44.2	531	677	976	1069	1167	1282	1439	1567	1604	1709	1801			
GLENROCK 5 ESE	483950	N4250	W10547	4948	47.8	209	295	495	563	638	729	858	968	1000	1094	1178			
GREEN RIVER	484065	N4132	W10929	6089	42.7	713	899	1274	1388	1510	1651	1843	1999	2044	2170	2282			
HEART MOUNTAIN	484411	N4441	W10857	4790	44.4	459	618	968	1081	1204	1350	1555	1726	1775	1918	2045			
JACKSON	484910	N4328	W11046	6244	38.0	1142	1338	1699	1801	1908	2028	2187	2312	2347	2445	2531			

Footnotes:

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Wyoming																		
KAYCEE	485055	N4343	W10638	4660	44.8	431	566	856	947	1046	1162	1324	1457	1496	1606	1704		
LAGRANGE	485260	N4138	W10410	4582	47.3	254	340	530	591	657	736	847	938	965	1041	1110		
LANDER WSO //	485390	N4249	W10844	5563	44.4	507	682	1067	1192	1327	1489	1715	1903	1958	2115	2255		
LARAMIE FAA AIRPORT	485415	N4119	W10541	7266	40.7	783	939	1237	1323	1414	1517	1655	1764	1795	1882	1958		
LOVELL	485770	N4450	W10824	3837	44.7	582	775	1194	1328	1474	1647	1887	2086	2144	2310	2458		
MEDICINE BOW	486120	N4154	W10612	6570	41.6	686	830	1107	1188	1273	1371	1501	1605	1635	1718	1791		
MIDWEST 1 SW	486195	N4325	W10617	4840	47.2	284	392	636	717	805	912	1062	1189	1226	1332	1428		
MOORCROFT	486395	N4416	W10457	4275	44.1	698	858	1174	1268	1367	1481	1635	1758	1793	1892	1979		
MORAN 5 WNW	486440	N4351	W11035	6798	35.6	1574	1766	2103	2195	2289	2394	2529	2634	2663	2744	2814		
NEWCASTLE	486660	N4351	W10413	4265	46.5	483	615	884	967	1055	1158	1298	1413	1445	1539	1621		
PATHFINDER DAM	487105	N4228	W10651	5930	44.7	540	672	934	1013	1097	1194	1325	1431	1461	1546	1621		
PAVILLION	487115	N4315	W10841	5440	44.8	431	591	953	1072	1202	1359	1580	1765	1819	1975	2115		
PHILLIPS	487200	N4138	W10429	4982	47.6	156	223	384	439	500	575	682	774	801	879	950		
POWELL	487380	N4445	W10846	4378	46.7	365	506	826	932	1049	1189	1388	1556	1605	1746	1874		
REDBIRD 1 NW	487555	N4316	W10418	3880	46.4	459	606	919	1019	1126	1253	1430	1575	1617	1738	1845		
RIVERTON	487760	N4301	W10823	4954	42.8	784	1018	1511	1665	1831	2025	2294	2514	2578	2758	2919		
ROCHELLE 3 E	487810	N4336	W10454	4496	45.0	516	668	987	1086	1193	1319	1492	1633	1674	1790	1894		
ROCK SPRINGS	487840	N4135	W10913	6367	44.1	454	597	902	998	1102	1225	1396	1536	1577	1693	1796		
SARATOGA	487990	N4127	W10648	6790	42.6	642	766	1000	1068	1139	1220	1327	1412	1436	1503	1562		
SEMINOE DAM	488070	N4208	W10653	6838	43.2	676	818	1091	1171	1255	1351	1480	1582	1611	1693	1765		
SHERIDAN WSO //	488155	N4446	W10658	3964	44.6	434	596	960	1080	1212	1369	1592	1779	1834	1990	2132		
SHERIDAN FIELD STA	488160	N4451	W10652	3800	44.0	613	796	1181	1302	1431	1584	1794	1966	2015	2157	2283		
SUNDANCE	488705	N4424	W10421	4750	43.7	717	858	1124	1202	1283	1375	1498	1595	1623	1700	1768		
THERMOPOLIS	488880	N4339	W10812	4313	46.5	384	526	846	951	1066	1203	1398	1561	1608	1745	1868		
TORRINGTON EXP FARM	488995	N4205	W10413	4098	48.3	191	275	477	546	624	718	855	971	1005	1105	1196		
UPTON	489205	N4406	W10437	4261	43.3	926	1099	1424	1518	1616	1727	1874	1991	2024	2116	2196		
WHALEN DAM	489604	N4215	W10438	4294	47.7	327	421	614	674	738	814	917	1001	1025	1094	1155		
WHEATLAND 4 N	489615	N4207	W10457	4638	48.7	125	189	350	407	473	553	672	775	806	896	979		
WORLAND	489770	N4401	W10758	4061	44.4	726	932	1360	1493	1635	1801	2030	2216	2270	2422	2558		
YELLOWSTONE PARK //	489905	N4458	W11042	6230	40.2	852	1007	1296	1379	1465	1563	1693	1795	1823	1904	1975		
YODER	489925	N4156	W10418	4231	48.4	200	278	457	516	582	661	774	869	896	976	1049		
Alaska																		
ADAK	500026	N5153	W17639	15	40.5	20	29	52	60	69	80	95	109	113	125	135		
ANNETTE WSO AP	500352	N5502	W13134	110	45.5	17	34	94	121	154	200	275	347	370	441	509		

Footnotes:

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** No Freezing Index Values Recorded during 1951-80 period (Value=0)

Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)												
						1.1 Year (10%)	1.2 Year (20%)	2 Year (50%)	2.5 Year (60%)	3.3 Year (70%)	5 Year (80%)	10 Year (90%)	20 Year (95%)	25 Year (96%)	50 Year (98%)	100 Year (99%)		
Alaska																		
ANNEX CREEK	500363	N5819	W13406	24	39.4	396	533	834	931	1037	1163	1340	1487	1530	1652	1762		
BARROW WSO AP //	500546	N7118	W15647	31	9.0	7772	8200	8891	9070	9249	9443	9687	9871	9922	10061	10179		
BARTER ISLAND WSO AP	500558	N7008	W14338	39	9.6	7687	8110	8794	8971	9148	9339	9581	9763	9813	9951	10068		
BEAVER FALLS	500657	N5523	W13128	35	44.3	21	43	123	160	206	269	374	477	510	610	709		
BETHEL WSO AP	500754	N6047	W16148	125	28.3	3028	3371	3964	4125	4289	4471	4705	4886	4936	5075	5195		
BIG DELTA WSO AP	500770	N6400	W14544	1268	27.4	3794	4224	4966	5168	5374	5602	5896	6121	6185	6359	6509		
COLLEGE OBSERVATORY	502107	N6452	W14750	621	26.8	4174	4559	5209	5383	5559	5752	6000	6188	6241	6386	6510		
CORDOVA FAA AP //	502177	N6030	W14530	41	38.0	384	550	945	1080	1230	1413	1677	1902	1968	2160	2335		
EIELSON FIELD	502707	N6440	W14706	547	25.3	4649	5078	5803	5996	6192	6407	6683	6893	6952	7113	7251		
EKLUTNA PROJECT	502730	N6128	W14910	38	33.5	1898	2223	2822	2993	3170	3369	3633	3840	3899	4062	4204		
ELMENDORF A F BASE	502820	N6115	W14948	192	35.0	1610	1871	2347	2481	2621	2777	2984	3145	3190	3317	3427		
FAIRBANKS WSO AP	502968	N6449	W14752	436	25.9	4620	5022	5696	5876	6057	6255	6509	6702	6756	6904	7030		
FIVE FINGER LIGHT STA	503072	N5716	W13337	30	42.8	14	33	117	159	214	295	436	582	630	779	932		
GULKANA WSO	503465	N6209	W14527	1570	26.5	3710	4146	4904	5111	5322	5556	5858	6091	6157	6337	6492		
HOMER WSO	503665	N5938	W15130	67	36.6	656	839	1215	1330	1455	1599	1798	1959	2006	2137	2254		
JUNEAU WSO AP	504100	N5822	W13435	12	40.0	237	364	697	817	955	1128	1384	1609	1676	1874	2057		
KASILOF	504425	N6019	W15115	75	33.4	1540	1837	2399	2562	2732	2925	3182	3386	3443	3605	3746		
KENAI FAA MUNICIPAL AP	504546	N6034	W15115	86	33.1	1655	1965	2546	2714	2889	3087	3351	3558	3617	3782	3926		
KETCHIKAN	504590	N5521	W13139	15	45.7	14	30	90	118	154	203	287	370	397	479	561		
KING SALMON WSO AP //	504766	N5841	W15639	49	32.8	1675	1988	2576	2746	2923	3124	3390	3600	3660	3827	3972		
KOTZEBUE WSO AP //	505076	N6652	W16238	10	20.9	4988	5377	6022	6193	6364	6552	6791	6972	7022	7160	7278		
LITTLE PORT WALTER	505519	N5623	W13439	14	42.7	18	37	111	146	189	250	352	453	485	585	683		
MATANUSKA AGR EXP ST1	505733	N6134	W14916	150	35.1	1524	1801	2317	2465	2619	2794	3026	3208	3259	3404	3529		
MCGRATH WSO AP	505769	N6258	W15537	344	25.0	4581	4958	5586	5753	5921	6104	6339	6517	6567	6703	6819		
MC KINLEY PARK	505778	N6343	W14858	2070	26.1	3433	3837	4538	4730	4925	5142	5422	5637	5698	5865	6008		
NOME WSO AP	506496	N6430	W16526	13	25.5	3348	3742	4426	4613	4803	5014	5287	5498	5556	5719	5859		
NORTHWAY FAA AP	506586	N6257	W14156	1713	21.4	5724	6129	6794	6968	7144	7335	7577	7761	7812	7951	8070		
PALMER AAES	506870	N6136	W14906	225	34.6	1514	1826	2425	2600	2784	2993	3274	3496	3560	3738	3893		
PETERSBURG	507233	N5649	W13257	50	41.6	99	168	374	455	551	676	870	1047	1101	1263	1417		
ST PAUL ISLAND WSO AP	508118	N5709	W17013	22	34.3	483	653	1028	1149	1282	1440	1661	1846	1900	2054	2192		
SEWARD	508371	N6007	W14927	70	39.3	396	528	813	904	1003	1121	1284	1420	1459	1572	1673		
SITKA FAA AIRPORT	508494	N5704	W13521	15	44.4	10	24	87	119	162	225	337	453	491	612	735		
SITKA MAGNETIC OBSY	508503	N5703	W13520	67	42.5	35	67	181	231	292	376	512	644	685	811	934		
TALKEETNA WSO	508976	N6218	W15006	345	32.6	2030	2359	2960	3130	3305	3503	3763	3966	4024	4184	4322		

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Air Freezing Index- USA Method (Base 32⁰ Fahrenheit)

Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)

State and Station Name	Station Number	Lat. (Deg. - Min.)	Long. (Deg. - Min.)	Elev. (feet)	Mean Annual Temp. (° F)	Air Freezing Index Return Periods (°F-Days) & Associated Probabilities (%)												
						1.1 Year (10%)	1.2 Year (20%)	2 Year (50%)	2.5 Year (60%)	3.3 Year (70%)	5 Year (80%)	10 Year (90%)	20 Year (95%)	25 Year (96%)	50 Year (98%)	100 Year (99%)		
Alaska																		
TANANA WSO	509014	N6510	W15206	232	23.2	5200	5586	6222	6390	6558	6742	6976	7153	7202	7337	7452		
UNIVERSITY EXP STATION	509641	N6451	W14752	475	27.1	4214	4580	5195	5359	5524	5705	5936	6112	6161	6296	6412		
WRANGELL	509919	N5628	W13223	37	42.5	74	129	302	371	455	565	738	898	947	1095	1236		
YAKUTAT WSO AP	509941	N5931	W13940	28	38.6	200	325	678	812	969	1169	1473	1746	1829	2075	2306		
Hawaii																		
HALEAKALA RS 338	511004	N2046	W15615	7030	53.3	**	**	**	**	**	**	**	**	**	**	**	**	
HAWAII VOLCNS NP HQ 54	511303	N1926	W15516	3971	60.4	**	**	**	**	**	**	**	**	**	**	**	**	
HILO WSO 87 AP	511492	N1943	W15504	27	73.6	**	**	**	**	**	**	**	**	**	**	**	**	
KAINALIU 73.2	512751	N1932	W15556	1500	69.6	**	**	**	**	**	**	**	**	**	**	**	**	
KAMUELA 192.2	513077	N2001	W15540	2670	64.1	**	**	**	**	**	**	**	**	**	**	**	**	
KANEOHE MAUKA 781	513113	N2125	W15749	225	74.1	**	**	**	**	**	**	**	**	**	**	**	**	
KOHALA MISSION 175.1	514680	N2014	W15548	537	71.9	**	**	**	**	**	**	**	**	**	**	**	**	
KULA SANATORIUM 267	515006	N2042	W15622	3004	63.7	**	**	**	**	**	**	**	**	**	**	**	**	
LAHAINA 361	515177	N2053	W15641	45	75.3	**	**	**	**	**	**	**	**	**	**	**	**	
LIHUE WSO 1020.1 AP //	515580	N2159	W15921	103	75.2	**	**	**	**	**	**	**	**	**	**	**	**	
MANA 1026	516082	N2202	W15946	11	74.7	**	**	**	**	**	**	**	**	**	**	**	**	
MOUNTAIN VIEW 91	516552	N1933	W15507	1530	67.6	**	**	**	**	**	**	**	**	**	**	**	**	
NIU RIDGE 1035	516850	N2202	W15944	1250	71.3	**	**	**	**	**	**	**	**	**	**	**	**	
OOKALA 223	517131	N2001	W15517	430	72.4	**	**	**	**	**	**	**	**	**	**	**	**	
OPAEULA 870	517150	N2134	W15802	1060	70.5	**	**	**	**	**	**	**	**	**	**	**	**	
WAIALUA 847	519195	N2135	W15807	32	73.1	**	**	**	**	**	**	**	**	**	**	**	**	
Puerto Rico																		
ARECIBO 2 SE	660410	N1828	W06642	15	77.9	**	**	**	**	**	**	**	**	**	**	**	**	
BARRANQUITAS 1 S	660736	N1810	W06619	2000	71.6	**	**	**	**	**	**	**	**	**	**	**	**	
COLOSO	662801	N1823	W06709	40	76.9	**	**	**	**	**	**	**	**	**	**	**	**	
COROZAL SUBSTATION	662934	N1820	W06622	650	75.9	**	**	**	**	**	**	**	**	**	**	**	**	
FAJARDO	663657	N1820	W06539	40	79.1	**	**	**	**	**	**	**	**	**	**	**	**	
HUMACAO	664613	N1809	W06550	56	77.8	**	**	**	**	**	**	**	**	**	**	**	**	
ISABELA SUBSTATION	664702	N1828	W06704	420	76.3	**	**	**	**	**	**	**	**	**	**	**	**	
JUNCOS 1 NNE	665064	N1815	W06555	200	76.5	**	**	**	**	**	**	**	**	**	**	**	**	
LAJAS SUB STA	665097	N1803	W06703	90	77.0	**	**	**	**	**	**	**	**	**	**	**	**	
MAYAGUEZ NUCLEAR CTR	666073	N1813	W06708	100	77.4	**	**	**	**	**	**	**	**	**	**	**	**	

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