

THE PHENOLOGY OF NOVA SCOTIA, 1921.—BY A. H. MACKAY,
LL.D., HALIFAX.

These observations were made by the school children of the Province of Nova Scotia as a part of the Nature Study work prescribed. The pupils report by bringing into the school-room the flowering or other specimens when first observed, for authoritative determination by the teacher, who generally credits the first finder by placing the name and the observation on the honor roll section of the blackboard for the day. The teacher, after testing the correctness of the observation, marks it on the schedule with which every teacher is provided—a copy of which is sent in to the Inspector with the school returns at the end of June and January.

The following tables are compiled from 140 of the best schedules out of the 350 sent in. The selections were made and compiled under the direction of Mr. H. R. Shinner, B. A., and Miss Annimae Bill, of the Education Department.

The schedules for each year are carefully bound up in large annual volumes which are placed in the Provincial Museum and Science Library, where they can be used by students of climate, etc. The compilers of the phenochrons of the different belts, slopes or regions, have been rural science teachers who have most distinguished themselves as instructors. They were selected for the purpose on the recommendation of the Director of rural science education. The sheets from which the provincial phenochrons are calculated are also bound in annual folio volumes for ease of consultation and preservation.

The Province is divided into its main climate slopes or regions not always coterminous with the boundaries of counties. Slopes, especially those to the coast, are subdivided into belts, such as (a) the coast belt, (b) the low inland belt, and (c) the high inland belt, as below:

No.	Regions or Slopes	Belts
I.	Yarmouth and Digby Counties,	(a) Coast, (b) Low Inlands, (c) High Inlands.
II.	Shelburne, Queens & Lunenburg Co's.	
III.	Annapolis and Kings Counties,	(a) South Mts., (b) Annapolis Valley, (c) Cornwallis Valley, (d) North Mts.
IV.	Hants and Colchester Counties,	(a) Coast, (b) Low Inlands, (c) High Inlands.
V.	Halifax and Guysboro Counties,	" "
VI.a.	Cobequid Slope (to the south).	" "
VI.b.	Chignecto Slope (to the northwest).	
VII.	Northumberland Straits Slope (to the n'h).	" "
VIII.	Richmond & Cape Breton Co.'s	" "
IX.	Braz d'Or Slope (to the southeast).	" "
X.	Inverness Slope (to Gulf, N. W.).	" "

The ten regions are indicated on the outline map on page 157.

THE PHENOLOGY OF NOVA SCOTIA, 1921.

(Complied from the best 140 out of 350 local observation schedules.)

OBSERVATION STATIONS.												OBSERVATION REGIONS.													
WHEN FIRST SEEN.						YEAR 1921.						WHEN BECOMING COMMON.						OBSERVATION REGIONS.							
1.Yarmouth and Digby	2.Shel. Queen & Lunenburg.	3.Annapolis and Kings	4.Hants and Colchester	5.Halifax & Guysborough	6a. Cobequid Slope	6b. Chignecto Slope	7.Northum. Sta. Slope	8.Richmond and Cape Breton	9. & 10. Inverness and Bras d'Or Slope	Average dates.	1.Yarmouth and Digby	2.Shel. Queen & Lunenburg.	3.Annapolis and Kings	4.Hants and Colchester	5.Halifax & Guysborough	6a. Cobequid Slope	6b. Chignecto Slope	7.Northum. Sta. Slope	8.Richmond and Cape Breton	9. & 10. Inverness and Bras d'Or Slope					
1. Yarmouth and Digby	2. Shel. Queen & Lunenburg.	3. Annapolis and Kings	4. Hants and Colchester	5. Halifax & Guysborough	6a. Cobequid Slope	6b. Chignecto Slope	7. Northum. Sta. Slope	8. Richmond and Cape Breton	9. & 10. Inverness and Bras d'Or Slope	Average dates.	1. Yarmouth and Digby	2. Shel. Queen & Lunenburg.	3. Annapolis and Kings	4. Hants and Colchester	5. Halifax & Guysborough	6a. Cobequid Slope	6b. Chignecto Slope	7. Northum. Sta. Slope	8. Richmond and Cape Breton	9. & 10. Inverness and Bras d'Or Slope					
90	89	101	106	105	110	130	107	106	113	106	90	98	112	113	112	115	111	111	110	119	110	119			
105	124	107	118	97	123	123	117	118	115	115	121	112	127	116	127	105	114	127	130	122	122	122	122		
88	94	93	101	103	105	103	106	111	117	102	95	103	105	105	115	111	112	114	117	119	95	95	95		
99	121	117	121	122	111	120	122	128	120	118	124	109	127	120	126	126	117	127	126	133	128	128	128		
112	148		123	125		125	120	127	127	126	131	115	151		128	128		131	125	133	140				
111	114	116	119	118	117	117	119	122	123	118	123	118	118	118	120	124	122	120	123	127	128	128	128		
115	121	119	122	125	119	123	124	129	125	123	123	123	123	123	128	130	127	129	133	130	130	130	130		
130	123	120	122	124		126		115	123	123	123	128	122	126	125	125	126	127	129	133	130	130	130	130	
113	118	115	123	129		123	131	120	120	122	122	180	130	130	130	128		129		134					
112	120	116	121	123	120	122	124	124	124	120	120	128	124	122	128	134	120		128	135	127				
152	150	156	154	161	157	158	156	164	151	153	121	121	124	124	124	124	124	126	131	128	130	132			
117	124	122	124	127	123	127	128	131	126	125	127	168	167	165	164	170	162	168	164	173	169				
118	124	131	131	141	129	123	119		127	125	125	127	136	133	133	132	131	130	133	133	135	140			
120	121	129	131	128	128	133	131	133	132	129	129	140	140	140	140	140	142	140	128	144	146	144	144	144	
												123	123	123	123	123	123	123	123	123	123	123	123	123	123
132	133	129	132	135	129	122	140	141	140	133	133	168	138	136	140	142	140	128	144	146	144	144	144	144	
120	132	125	133	127	134	134	134	143	139	133	133	138	128	136	130	138	141	135	139	138	147	147	147	147	
												178	201	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179	179	179	179	179	179	179	179	179	179
												179	179	179	179	179									

121	137	134	138	145	139	134	138	151	140	138	19. <i>Prunus Pennsylvanica</i>	144	135	142	139	148	147	143	140	141	155	145
119	178	134	136	136	142	136	139	150	151	199	20. " fruit ripe	203	178	140	141	144	150	142	144	154	228	158
119	133	134	136	136	142	136	139	150	151	138	21. <i>Vaccinium Can. and Penn.</i>	145	132	141	140	141	144	150	142	144	154	158
	235					222	208			222	22. " fruit ripe	227			235					219		
123	141	142	146	151	144	148	147	155	154	145	23. <i>Ranunculus acris</i>	154	148	149	148	155	156	153	154	153	161	158
147	146	147	151	154	152	155	155	161	161	153	24. <i>R. Repens</i>	150	152	153	152	158	169	157	158	161	165	166
136	138	135	145	144	139	137	141	148	146	141	25. <i>Trill. erythrocarpum</i>	148	144	150	142	149	150	142	147	147	151	154
128	138	137	143	143	142	143	148	151	152	143	26. <i>Rhododendron Rhodora</i>	148	137	145	143	148	148	145	147	153	155	160
133	146	142	146	151	147	153	146	151	153	147	27. <i>Cornus Canadensis</i>	152	144	152	146	153	156	150	156	150	156	157
	170					221				195	28. " fruit ripe	208		178						233		
135	143	137	143	147	147	143	141	150	148	143	29. <i>Trientalis Americana</i>	150	145	150	145	148	152	148	152	146	155	155
141	147	146	152	155	150	159	153	160	145	151	30. <i>Clintonia borealis</i>	166	145	152	154	156	156	153		156	165	152
142	150	154	164	162		150	164	158	156	156	31. <i>Calla palustris</i>	159		148	152	158	170			152	168	162
143	149	148	154	153	150	147	157	162	157	152	32. <i>Cypripedium acaule</i>	158	150	155	153	158	159	162	154	161	167	163
143	149	145	149	156	151	153	153	161	158	152	33. <i>Sisyrinchium angustifol.</i>	156	151	155	148	155	160	152	159	153	166	163
156	157	148	159	160	165	167	163	167	160	160	34. <i>Linnaea borealis</i>	164	163	163	157	156	165	163	171	168	173	157
143	153	147	146	144	147	139	155	157	150	148	35. <i>Kalmia glauca</i>	152	148	158	151	151	153	153	140	156	161	150
147	159	154	154	160	163	142	152	174	154	156	36. <i>Kalmia augustifolia</i>	163	154	166	159	163	169	168	148	158	178	163
149	146	149	152	160	180	153	157	160		154	37. <i>Crataegus oxyacantha</i>	159	154	153	151	158	167	165		159	165	157
164	152	147	149	157			152	161	152	154	38. <i>Crataegus coccinea</i> , etc.	161	170	158	152	154	161			157	167	168
154	165	155	159	165	162	157	162	168	168	162	39. <i>Iris versicolor</i>	167	162	169	164	164	170	165	162	165	172	163
151	156	153	158	164	161	159	157	163	157	158	40. <i>Chrysanthemum Leucanth.</i>	165	161	162	160	168	167	166	166	163	168	165
156	160	155	157	163	160	159	160	165	159	159	41. <i>Nuphar advena</i>	164	161	165	163	164	167	168	164	165	171	156
144	153	150	154	160	162	160	149	162	149	154	42. <i>Rubus strigosus</i>	162	157	162	156	162	165	188	166	162	168	162
	134		164				204	176	169		43. " fruit ripe	184					165			197	213	160
152	163	164	165	171	171		170	171	160	165	44. <i>Rhinanthus Crista-galli</i>	170	161	169	173	170	176	174		173	175	165
149	160	153	161	163	172	163	160	170	169	163	45. <i>Rubus villosus</i>	168	165	168	164	167	169	172	170	165	174	
						239				239	46. " fruit ripe	247			243					251		
162	167	166	161	170		161	168		165	165	47. <i>Sarracenia purpurea</i>	170	167	171	170	165	174		164	174	173	
162	170	159	170	172	165		165	170	172	167	48. <i>Brunella vulgaris</i>	172	169	175	163	175	176	170		174	174	
169	171	161	168	165	169		171		172	168	49. <i>Rosa lucida</i>	174	177	176	171	178	174	173		174	172	
155	157	162	166	167	159	164	163	170	163	163	50. <i>Leontodon autumnale</i>	169	161	165	168	174	171	166	172	166	174	168
164	156	159	176	178	130	157	167	158	160	160	51. <i>Linaria vulgaris</i>	160		169	165	170			146	130	173	162
119	130	123	131	123	123	128	137	132	127	127	52. Trees appear green	140	134	141	133	137	147	137	150	137	146	142
128	134	132	140	147	145	146	138	147	150	141	53. <i>Ribes rubrum</i> (cultivated)	144	132	142	137	146	150	151	137	144	152	150
	181	168					175			175	54. " " (fruit ripe)	178		181	174							
127	136	138	142	145	147	149	133	149	150	143	55. <i>R. nigrum</i> (cultivated)	148	131	141	141	147	149	152	160	145	155	154
	177						177			177	56. " fruit ripe	177		177								
129	140	133	142	148	147	145	140	153	147	142	57. <i>Prunus Cerasus</i>	148	139	145	137	144	157	151	152	145	159	150
	178	176	176				177			177	58. " " fruit ripe	182		178	189	178						
130	140	134	139	149	152	146	139	155	147	143	59. <i>Prunus domestica</i>	149	140	147	139	144	152	157	155	146	160	149
132	141	135	143	147	142	141	142	153	149	142	60. <i>Pyrus Malus</i>	148	142	147	141	148	153	146	147	147	159	153
141	149	146	148	154	151	152	149	162	151	150	61. <i>Syringa vulgaris</i>	156	149	156	151	151	157	160	156	155	154	166
150	153	156	158	154	159	156	160	157	156	152	62. <i>Trifolium repens</i>	161	156	161	159	162	164	160	163	162	166	160
139	147	149	154	158	159	156	160	159	154	154	63. <i>Trifolium pratense</i>	160	146	156	153	161	164	163	165	162	166	165
133	148	160	168	163	152	168	171		166	161	64. <i>Phleum pratense</i>	168	162	155	170	170	167		175	172		169
172	172	171	169	164			120			173	65. <i>Solanum tuberosum</i>	173	181	163	172		169					178

THE PHENOLOGY OF NOVA SCOTIA, 1921.—Continued.

PHENOLOGICAL OBSERVATIONS IN

WHEN FIRST SEEN.												WHEN BECOMING COMMON.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
OBSERVATION STATIONS.												OBSERVATION REGIONS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1.Yarmouth and Digby						2.Shel. Queen & Lunenburg.						3.Annapolis and Kings						4.Hants and Colchester						5.Halifax & Guysborough						6a.Cobequid Slope						6b.Chignecto Slope						7.Northum. Sts. Slope						8.Richmond and Cape Breton						9. & 10.Inverness and Bras d'Or Slope						Average dates.						YEAR 1921.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1.Yarmouth and Digby	2.Shel. Queen & Lunenburg.	3.Annapolis and Kings	4.Hants and Colchester	5.Halifax & Guysborough	6a.Cobequid Slope	6b.Chignecto Slope	7.Northum. Sts. Slope	8.Richmond and Cape Breton	9. & 10.Inverness and Bras d'Or Slope	Average dates.	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093</

THE PHENOLOGY OF NOVA SCOTIA, 1921.—Continued

WHEN FIRST SEEN.											YEAR 1921											WHEN BECOMING COMMON.														
OBSERVATION STATIONS.																						OBSERVATION REGIONS.														
	1. Yarmouth and Digby	2. Shel. Queen & Lunenburg.	3. Annapolis and Kings	4. Hants and Colchester	5. Halifax & Guysboro	6a. Cobiquid Slope	6b. Chignecto Slope	7. Northum. Sts. Slope	8. Richmond and Cape Breton.	9. & 10. Inverness and Bras d'Or Slope	Average dates		1. Yarmouth and Digby	2. Shel. Queen & Lunenburg.	3. Annapolis and Kings	4. Hants and Colchester	5. Halifax & Guysboro	6a. Cobiquid Slope	6b. Chignecto Slope	7. Northum. Sts. Slope	8. Richmond and Cape Breton.	9. & 10. Inverness and Bras d'Or Slope	Average dates													
84	77	77	76	75	74	75	77	77	90	78		Day of the year corresponding to the last day of each month.	Jan.	31	July.	212							1. Yarmouth and Digby	2. Shel. Queen & Lunenburg.	3. Annapolis and Kings	4. Hants and Colchester	5. Halifax & Guysboro	6a. Cobiquid Slope	6b. Chignecto Slope	7. Northum. Sts. Slope	8. Richmond and Cape Breton.	9. & 10. Inverness and Bras d'Or Slope	Average dates			
300	286	322	305	298	305	298	305	302	302	302		Jan.	31	July.	212																					
81	74	83	87	88	88	109	81	84	81	86		Feb.	59	Aug.	243																					
69	77	70	73	72	72	78	73	71	76	73		March.	90	Sept.	273																					
70	83	76	84	71	80	89	88	87	118	85		April.	120	Oct.	304																					
94	111	97	118	129	106	130	120	122	114	114		May.	151	Nov.	334																					
138	112	98	122	130	130	136	136	136	99	133		June.	181	Dec.	365																					
100	130	128	126	121	106	131	123	139	134	134		For Leap Year add one to each except January.																								
107	120	134	130	109	130	130	122	136	121	121																										
123	135	135	138	130	151	141	141	160	139	139																										
79	105	127	127	128	128	116	124	108	116	116																										
144	150	143	142	144	145	147	139	151	161	147																										
136	123	137	140	145	140	137	146	137	138	138																										
147	133	137	141	161	136	137	140	142	142	142																										
137	146	139	135	130	165	131	145	142	141	141																										
142	161	124	143	130	138	143	150	143	143	143																										
136	140	151	151	135	125	129	126	126	125	128																										
88	115	128	129	108	158	114	152	126	125	125																										
82	93	90	94	100	104	105	100	103	103	97																										
94	103	111	113	106	114	102	114	111	115	108/100																										

THUNDERSTORMS—PHENOLOGICAL OBSERVATIONS, NOVA SCOTIA, 1921

The indices indicate the number of stations from which the Thunderstorms were reported on the day of the year specified.

OBSERVATION REGIONS.

THUNDERSTORMS—PHENOLOGICAL OBSERVATIONS, NOVA SCOTIA, 1921

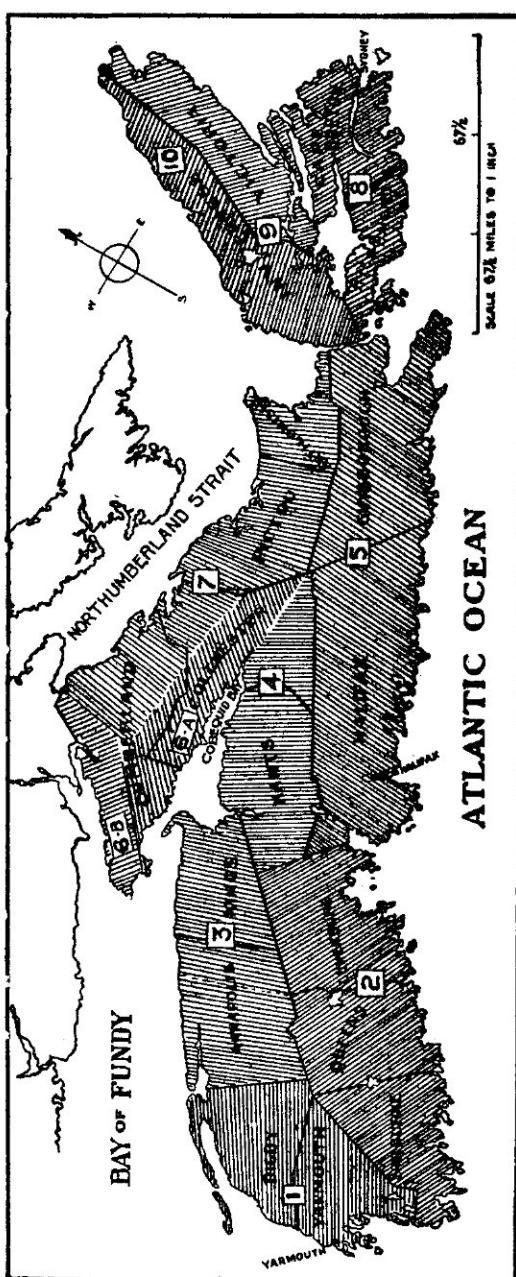
The indices indicate the number of stations from which the Thunderstorms were reported on the day of the year specified

OBSERVATION REGIONS

THE LOCAL COMPILERS FOR EACH REGION, 1920.

Region No.	Region No.
I.	Miss Mary B. Marshall
II.	Miss Violet Mailman
III.	Miss Olive I. Banks
IV.	Miss Dorothy C. Archibald
V.	Miss Alice C. Archibald

Region No.	Region No.
VIa.	Miss Laura J. Davison
VIb.	Miss Georgina Landry
VII.	Miss Dorothy Cameron
VIII.	Mr. D. K. Finlayson, B. A.
IX & X.	Miss C. M. Warren



THE TEN PHEONOGICAL REGIONS OF NOVA SCOTIA.