U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CHARLES F. MARVIN, Chief

In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE SECTION

15

JOHN R. WEEKS, Meteorologist and Section Director

-		PRICE: 5 CENTS A COPY; 50 CENTS A YEAR		-
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GENERAL SUMMARY

This was a warm year, the fourth warmest of record. The mean temperature was 1.4° less than in 1921, the warmest year of record, and but 0.8° less than in 1931. Highest temperatures occurred at the close of summer, on August 31 or September 1. Lowest temperatures occurred during the cold period of December 15-21; secondary lowest temperatures occurred during the cold period of March 7-16. January was the warmest such month of record; February and August were warm; December was mild; September and October were slightly mild; June was normal; May and July were slightly cool; April and November were cool; and March was cold. The winter of 1931-32 was the warmest of record, the mean temperature, 42.7°, being 8.6° above normal.

Annual precipitation averaged one and one-seventh times the normal, and was the greatest since 1919. Precipitation was plentiful during the colder seasons, but light during the warm, agricultural season. Rainfall from June to September averaged 11.54 inches, or 73 per cent of normal, and was but 25 per cent of the annual average. October produced the greatest rainfall of record for that month. November's rainfall was nearly twice the normal. Precipitation was abundant in January, March, and May; slightly above normal in December; very light in August and September; deficient in February, April, and July; and slightly below normal in June. Annual amounts ranged from below 40 inches between the Allegheny and Blue Ridge Mountain regions to above 50 inches over several areas in the central and eastern divisions.

Snowfall was very light, except heavy in December and slightly above normal in March. The annual average was 74 per cent of normal. An exceptionally heavy snowfall occurred on December 17. On March 6 snowfall was moderate to heavy over the western portion of the section.

Sunshine was abundant from March to May, from July to September, and in November; slightly above normal in June; normal in December; and deficient in January, February, and October. Annual amount was about 5 per cent above normal.

Crops and fruits yielded fair to good, except wheat, rye, oats, and late potatoes poor to fair, and barley and hay good. -J.B.,jr.

CONDENSED SUMMARY OF CLIMATOLOGICAL DATA, 1932.

	Tem	eratı	ıre,	Pre	cipitat	ion.	Numl	per of d	ays	1010
Months	Mean	Highest	Lowest	Average	Greatest in 24 hours	Snowfall	With 0.01 inch or more of precipitation	Clear . Partly cloudy		of wind
January. February March April May June. July August. September October November December	44. 7 40. 5 38. 5 50. 5 62. 0 70. 8 74. 8 74. 7 68. 0 56. 7 43. 5 87. 7	80 88 75 84 94 95 99 104 106 88 72 73	13 8 -4 16 25 30 41 38 25 22 -6	2.35	2.50 2.00 3.05 2.19 2.58 3.53 2.00 2.01 2.86 4.00 2.65 1.66	1.1 0.2 5.3 0.3 0.0 0.0 0.0 0.0 0.0 0.1 T.	12 8 10 8 10 10 9 7 6 9 9	8 7 11 8 13 9 16 7 15 10 13 10 17 9 18 10 14 11 10 9 13 9 9 9	7 n' 6 sv 7 sv 5 n' 3 sv 5 se 12 n' 8 n'	IW. IW. IW. W. W. W. W. W.

			, , , , , , , , , , , , , , , , , , , ,		
Stations	Last in Spring	First in Autumn	Stations	Last in Spring	First in Autum 1
Maryland.			Maryland (con,t.)		
Aberdeen	Apr. 17	Oct. 31.	Oakland	June 9	Sept. 25
Annapolis	Apr. 15	Oct. 31	Parkton	Apr. 18	Oct. 14
Baltimore	Apr. 15	Oct. 31	Picardy	May 23	Oct. 15
Bell	Apr. 20	Oct. 15	Pleasant Hill	Apr. 18.	Oct. 14
Boyds	Apr. 19	Oct. 15	Pocomoke City	Apr. 20	Oct. 31
Cambridge	Apr. 17	Oct. 31	Princess Anne	Apr. 20	Oct. 31
Cecilton	Apr. 18	Oct. 31	Ridgely	Apr. 17	Oct. 31
Cheltenham	Apr. 17	Oct. 15	Rock Hall	Apr. 17	Oct. 29
Chewsville	Apr. 27	Oct. 14	Salisbury	Apr. 17.	Oct. 31
Coleman	Apr. 17	Oct. 31	Sines		Sept. 25
College Park	Apr. 20	Oct. 15	Snow Hill	Apr. 19	Oct. 31
Crisfield	Apr. 17	Nov. 4	Solomons	Apr. 17	Nov. 4
Cumberland	May 3	Oct. 14	State Sanatorium	Apr. 27	Oct. 14
Darlington	Apr. 17	Oct. 29	Stevensville	Apr. 15	Nov. 3
Easton	Apr. 17	Oct. 31	Takoma		Oct. 31
Elkton	Apr. 20	Oct. 14	Towson	. Apr 17	Oct. 14
Emmitsburg	Apr. 17	Oct. 14	Western Port :	May 3	Oct. 15
Fallston	Apr. 18	Oct. 31	Westminster	Apr. 18	Oct. 14
Ferry Landing	Apr. 17	Oct. 31	Woodstock	Apr. 20	Oct. 14
Frederick	Apr. 17	Oct. 14	La casa de		
Friendsville	May 30	Sept. 25	District of Columbia.		
Frostburg	May 3	Oct. 14.			
FrostburgGrantsville	June 9	Sept. 25.	Washington	Mar. 23	Nov. 14
Great Falls	Apr. 20				
Hancock	May 30	Sept. 26			
Keedys ville	Apr. 19	Oct. 14.	France		*
La Plata		Oct. 15.	.Bridgeville		Oct. 31
Laurel	Apr. 17	Oct. 14	Delaware City		Oct. 31
Lutherville	Apr. 20	Oct. 14.	Dover	. Apr., 17	Oct. 31
Maryland Line		Oct. 14.	Milford	Apr. 17	Oct. 31
Mechanicsville	Apr. 17	Oct. 29	Millsboro	Apr. 17	Oct. 31
15:11:markom	A 171	A 01	\$\$712	A (3.57)	A-4 0-

KILLING FROSTS, 1932.

COMPARATIVE DATA FOR MARYLAND AND DELAWARE

	J	emper	ature			I	recipit	ation			
Years	Mean	Departure from the normal	Highest	Lowest	Average	Departure from the normal	Greatest local	Least local	Greatest in 24 hours	Snowfall	Number of days with 0.01 incn- or more
1895	54. 0 53. 6 54. 9 53. 5 55. 0 52. 6 53. 6 53. 3 51. 2 54. 6 52. 2 54. 1 54. 0 53. 3 54. 9 53. 3 54. 9 53. 3 54. 9 53. 3 54. 9 55. 0	-1.4. 0.0 -0.4 +0.9 -0.5 +1.0 -1.4 -0.4 -0.7 -2.8 -0.7 +0.6 -1.8 -0.9 -0.2 +0.9 -0.7 +2.1 -0.6 +0.1 -0.8 -2.7 -0.2 +0.9	102 103 102 109 102 106 106 104 101 102 104 101 102 108 109 105 102 102 103 101 102 109 105 109 109 109 109 109 109 109 109 109 109	-18 -13 -12 -20 -26 -15 -17 -12 -20 -15 -29 -15 -21 -6 -15 -15 -5 -10 -6 -21 -6 -21 -6 -21 -6 -11 -6 -11 -31 -30 -19 -10	34.47. 37:11 44.97 42.11. 40.84 36.66. 45.08 49.20 45.84 46.94 48.01. 48.86. 49.01 48.86. 49.01 48.86. 49.48.01 48.86. 40.01 37.47 37.42 43.61 43.48.48.48.48.61 40.47 43.69.49.49.49.49.49.49.65 37.96.47.62.44.95	-6. 58 -3. 94 +3. 92 +1. 106 -0. 21 -1. 4. 39 +4. 103 +5. 89 -4. 56 +2. 79 +6. 96 +7. 81 -3. 58 -3. 58 -2. 37 -5. 08 +2. 57 -4. 56 +2. 37 -5. 08 +2. 58 -4. 56 +2. 57 -4. 58 -4. 56 +2. 57 -4. 58 -4. 58 -58 -58 -58 -68 -68 -68 -68 -68 -68 -68 -68 -68 -6	42,07 64,94 63,85 65,77 51,38 52,197 61,38 70,87 50,26 64,64 62,92 66,59 52,50 50,45 55,58 52,68 48,96 48,33 99,72 56,25 66,95	14. 42 30. 18 32. 56 32. 56 28. 69 28. 21 34. 63 33. 75 36. 58 25. 72 31. 63 28. 30 28. 30 35. 50 35. 50 26. 14 29. 35 26. 14 29. 35 26. 14 29. 35 26. 14 29. 35 26. 14 29. 35 26. 14 29. 35 30. 69 32. 49	4. 80 4. 50 14. 75 5. 93 5. 53 5. 45 6. 00 5. 90 4. 65 5. 90 7. 93 8. 66 5. 00 7. 19 7. 35 6. 07 4. 05 9. 07 9. 07	29. 9 23. 0 18. 4 21. 6 26. 8 18. 7 33. 3 17. 9 41. 8 36. 1 20. 7 34. 8 23. 2 6. 1 23. 2 6. 1 23. 3 26. 8 30. 0 31. 2 32. 6 32. 5 30. 0 31. 2 32. 6 32. 6 33. 6 34. 8 35. 6 36. 7 36. 7 37. 8 38. 6 39.	94 92 109 98 83 99 105 106 106 123 121 101 109 119 119 112 108 98 107 110 98 1110 98
1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1930 1931	54.4 52.6 54.6 52.8 54.4 54.0	+2.6 +1.0 +0.4 -1.4 +0.6 -1.2 +0.4 +0.0 +1.0 +2.0 +1.2	102 100 102 103 104 107 100 102 110 103 106	-15 -15 - 9 -13 -31 -16 - 5 -11 -13 -20 - 8 - 6	37. 72 40. 15 40. 27 46. 26 34. 91 43. 90 40. 37 45. 09 42. 46 23. 78 38. 68 47. 15	$\begin{array}{c} -3.33 \\ -0.90 \\ -0.78 \\ +5.21 \\ -6.14 \\ +2.85 \\ -0.68 \\ +4.04 \\ +1.41 \\ -17.27 \\ -2.37 \\ +6.10 \end{array}$	54.12 55.65 50.38 52.70 48.37 54.02 53.56 55.38 55.60 33.52 47.90 54.35	28. 89 24. 39 31. 47 37. 41 27. 87 32. 08 27. 89 34. 92 33. 09 17. 76 29. 91 34. 33	5. 60 6. 75 5. 17 4. 53 5. 25 6. 54 3. 92 11. 66 4. 58 3. 25 5. 50 4. 00	20. 5 34. 8 22. 0 30. 5 23. 0 24. 6 15. 3 25. 4 20. 0 22. 4 12. 3 19. 2	114 115 115 111 112 128 125 118 117 94 111

Stations Counties Temperature, degrees Fahrenheit Trecipitation Temperature, degrees Fahrenheit Temperature, degrees Fahrenh																				
			T	empe	rature	e, degrees	Fahre	nheit			Pr	ecipitat	ion					Sky		E E
Stations	Counties	Elevation, feet	eg of		Highest	Date	Lowest	Date	Length of record, years	for	Greatest monthly	Month	Least monthly	Month	Total snowfall	Number of rainy days	of tys	Number of partly cloudy days	Number of cloudy days	Prevailing direction of wind
Aberdeen Annapolis Baltimore (U.S.W. B.) Bell § Bell § Boyds Cambridge (near) Cecition Cheltenham Chewsville Coleman § College Park Crisfield Cumberland Darlington Easton Elkton Emmitsburg Fallston § Ferry Landing Frederick Friendsville Grant Falls Grant Falls Hancock (Tonoloway) Hancock (Tonoloway) Hancock (City) Keedysville La Plata Laurel Lutherville Maryland Line Mechanicsville Millington Oakland Parkton(PrettyboyDam Plcardy Pleasant Hill§ Plocomoke City	Anne Arundel Prince Georges Montgomery Dorchester Ceeil Prince Georges Washington Kent Prince Georges Somerset Allegany Harford Talbot Ceeil Frederick Harford Calvert Frederick Garrett Allegany Garrett Montgomery Washington do Charles Prince Georges Baltimore Baltimore St. Marys Kent Garrett Baltimore St. Marys Kent Garrett Somerset Caroline Kent Worcester Somerset Caroline Kent Wicomico Garrett Worcester Frederick Garrett Worcester Frederick Garrett Baltimore Allegany Baltimore Kent Worcester Frederick Queen Annes Montgomery Baltimore Allegany Baltimore Frederick Garrett Caroline Kent Wicomico Garrett Caroline Kent Wicomico Garrett Baltimore Allegany Baltimore Allegany Baltimore Allegany Baltimore Allegany Baltimore Allegany Carroll	455 1161 1375 855 855 850 887 6623 330 887 720 450 10 110 11 11 12 12 13 14 10 10 11 12 12 14 15 16 16 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	67 62 13 39 14 32 35 35 46 42 42 6 6 46 46 39 35 35 21 28 35 35 35 45 11 32 42 42 6 6 46 46 36 47 48 48 48 48 48 48 48 48 48 48 48 48 48	57. 1 54. 9 54. 0 55. 2 55. 2 56. 6 60. 1 56. 6 60. 55. 4 56. 5 56. 5 56. 5 56. 5 56. 5 56. 5 56. 5 56. 6 60. 1 56. 6 56. 4 56. 6 56. 4 56. 5 56. 5 56. 5 56. 5 56. 5 56. 5 56. 5 56. 5 56. 6 56. 6 56. 6 56. 6 56. 6 56. 6 56. 7 56. 5 56. 5	988 999 999 1022 988 106 97 104 97 100 101 101 103 103 103 103 104 104 105 107 109 109 109 109 109 109 109 109 109 109	Aug. 31 Sept. 1 Aug. 31 Sept. 1 Aug. 31 Sept. 1 Aug. 31 Sept. 1 Aug. 31 Sept. 1 Sept. 1 Sept. 1 Aug. 31	188 - 4 11 0 14 11 11 11 11 11 11 11 11 11 11 11 11	Dec. 18 Dec. 18 Dec. 19 Dec. 16 Dec. 16 Dec. 16 Dec. 16 Dec. 19 Dec. 18 Dec. 19 Dec. 18 Dec. 19 Dec. 18 Dec. 19 Dec. 18 Dec. 19 Dec. 19 Dec. 19 Dec. 16 Dec. 19	59 62 12 13 39 14 32 25 6 8 8 27 39	50, 95 49, 58 52, 62 44, 38 46, 55 50, 29 50, 29 40, 13 46, 58 50, 90 43, 77 44, 58 48, 18 45, 55 48, 90 45, 26 48, 89 45, 26 48, 89 45, 49 46, 49 46, 49 46, 49 46, 49 46, 49 46, 49 46, 49 46, 49 47, 97 41, 93 47, 97 41, 93 47, 97 41, 93	7.52 7.52 6.58 6.58 6.58 6.58 6.58 6.58 6.81 6.62 6.81 6.81 8.50 6.75 8.75 6.81 8.60 6.81 8.60 6.81 8.60 6.81 8.60 6.81 8.70 6.81 8.70 6.81 8.70 6.81 8.70 6.83 6.83 6.84 8.70 6.84 8.70 6.85	Mar. Oct. May. Mar. May. Oct. Mar. May. Oct. Mar. May. Oct. Mar. May. Oct. Mar. Oct. Mar. Oct. Mar. Oct. Mar. Mar. Oct. Mar. Mar. Oct. May. Oct. May. Oct. May. Oct. May. Oct. Oct. Oct. Oct. Oct. Oct. Oct. Oct	1. 94 1. 92 2. 02 2. 02 2. 04 1. 50 1. 50 0. 52 1. 85 0. 96 1. 85 0. 96 1. 47 1. 47 1. 49 1. 40 1. 40 1. 40 1. 40 1. 40 1. 40 1. 50 1. 50	Aug. Sept. Aug. Sept. Sept. Sept. Sept. Sept. Aug. Apr. Aug. Apr. Aug. Sept. Apr. Sept. Sept. Sept. Apr. Aug. June Sept. Sept. Sept. Sept. Apr. Aug. Aug. Aug. Apr. Aug. Aug. Aug. Aug. Aug. Aug. Aug.	22.5 2.1.7.4 4 12.0 20.0 16.8 2 11.6.7 19.5 18.1 11.6.7 19.5 21.0 17.7 19.5 21.0 17.7 19.5 21.0 17.7 7 17.7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	112 116 116 117 117 117 117 117 117 117 117	160 163 162 165 165 167 173 167 173 167 175 177 173 167 175 177 175 177 175 177 175 175 175 17	104 113 114 115 115 115 115 115 115 115 115 115	102 98 98 105 107 109 124 99 100 102 124 99 100 105 106 108 108 108 108 109 109 109 109 109 109 109 109 109 109	nw. sw. nw. sw. nw. sw. nw. nw. nw. nw. nw. nw. nw. sw. w. nw. w. nw. w. nw. w. nw. w. nw. sw. w. nw. sw. sw. sw. sw. sw. sw. sw. sw. sw. s
District of Columbia Washington (U.S.W.B.)		112	62	57.3	100	Aug. 31	14	Mar. 10*	62	49. 55	7.40	Oct.	1.36	Aug.	18,5	114	144	108	114	nw,
Delaware Bridgeville Delaware City Dover Milford Millsboro Wilmington Wilmington	Sussex New Castle Kent do Sussex New Castle New Castle	45 12 34 20 20 86 260	46 43 40 40	56.8 56.0 56.8 57.4 57.3	99 99 100 99 98	Aug. 31 Aug. 31 Aug. 31 Aug. 31 Aug. 31	5 7 11 5 4	Dec. 19 Dec. 21 Dec. 19 Dec. 19 Dec. 19 Dec. 19	9 42 43 50 40 39 21	44, 12 47, 07 48, 96 50, 01 54, 28 49, 54 50, 00	6.31 6.13 7.15 8.18 8.00 7.01 7.14	Oct. Mar. Mar. Oct. Oct. Nov. Nov.	0.95 1.55 1.70 1.37 2.20 1.59 1.48	Sept. Aug. July Sept. Aug. Apr. Apr.	14.7 17.0 16.0 15.5 12.5 19.3 21.0	108 101 108 116 107 120 113	176 149 160 164 171 146 146	107 115 113 118 111 117 117	83 102 93 84 84 103 103	nw, s. nw, nw, nw, nw,
For Maryland and District of Columbia For Delaware For entire section				55.0 56.6 55.2	106 100 106	Sept. 1 Aug. 31 Sept. 1	- 6 - 6	Dec. 16* Dec. 19 Dec. 16*		46. 93 49. 03 47. 15	12. 68 8. 18 12. 68	Oct. Oct. Oct.	0,20 0.95 0.20	Sept. Sept. Sept.	19.6 16.0 19.2	111 110 111	157 163 157	108 112 108	101 91 101	nw. nw. nw.

		Mon	thly	and A	Ann	ual P	reci	oitati	on f	or the	e Ye	ar 19	32,	with	Dep	artu	res f	rom t	he l	Vorm	al					
	Jai	nuary	Feb	ruary	Ma	arch	A	pril		lay	Jı	ine	J	uly	Au	igust	Sept	ember	Oct	tober	Nov	ember	Dece	mber	An	nual
Stations	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Maryland Aberdeen Annapolis Baltimore (U.S.W.B.) Bell Boyds Cambridge (near) Cecilton Cheltenham Chewsville Coleman College Park Crisfield Cumberland Darlington Easton Elkton Emmitsburg Fallston Ferry Landing Frederick Friendsville Great Falls Hancock (Tonoloway) Ha	5.66.585.499.66.436.55.66.33.47.56.66.33.47.56.66.33.47.56.59.49.49.20.23.24.77.45.66.49.20.23.24.77.45.66.65.54.66.65.66.66.66.66.66.66.66.66.66.66.66.	4 + 2. 7. 7. 7. 1. 2. 12. 14. 14. 12. 12. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14	1.933 2.636 2.677 2.202 2.1877 2.202 2.1877 2.202 2.1877 2.202 2.3 3.202 2.1877 2.202 2.1878	-1. 00 -0. 83 -0. 17 -0. 17 -0. 16 -0. 10 -0. 10	5.888.7.522.6.194.5.86.6.194.5.86.6.194.5.86.6.194.5.86.6.813.5.95.6.41.82.6.815.5.95.6.41.82.6.81.6.98.6.99.6.99.6.99.6.99.6.99.6.99	+3.03 +3.63 +3.65 +1.22 +1.93 +1.22 +1.93 +1.27 +2.85 +1.27 +2.85 +1.25 +2.16 +3.07 +2.16 +3.07 +2.16 +3.07 +2.16 +3.18 +4.16	1.155 2.255 2.215 2.215 2.217 2.247 2.247 2.241 1.37 2.241 1.202 2.266 1.481 1.108 1.481 1.108 1.481 1.108 1.481 1.108 1	-2. 56 -0. 92 -1. 199 -1. 58 -0. 93 -0. 176 -1. 48 -1. 140 -1. 150 -1. 23 -1. 23 -1. 23 -1. 23 -1. 23 -1. 23 -1. 23 -1. 23 -1. 24 -1. 25 -1. 2	4.76 5.85 4.75 5.55 5.57 6.66 5.76 6.61 6.16 6.61 6.77 6.66 6.77 6	3+1.92 3+1.85	3 . 666 3 . 522 . 91 4 . 37 5 . 70 3 . 8 . 44 5 . 70 3 . 8 . 22 4 . 10 5 . 32 3 . 05 5 . 32 3 . 05 5 . 32 3 . 05 5 . 32 3 . 05 5 . 5 77 6 . 2 . 30 4 . 2 . 20 4 . 20 6 . 2 . 30 6 . 2 . 30 6 . 2 . 30 6 . 2 . 30 7 . 3 . 30 8 . 30	-0.085 -0.097 -0.73 -0.73 -0.74 -0.121 -0.167 -0.121 -0.167 -0.121 -0.167 -0.16	2.2.2.3.6.6.46.2.3.2.4.6.3.3.6.3.5.3.6.3.6.3.6.3.6.3.6.3.6.3.6	-2. 49 -1. 81 -1. 2. 22 -2. 22 -2. 22 -0. 45 -1. 69 -1. 62 -1. 11 -1. 11 -1. 11 -1. 11 -1. 11 -1. 12 -1. 62 -1. 63 -1.	3. 39 4. 1. 92 2. 4. 1. 1. 2. 1. 2. 2. 4. 2. 4. 2. 4. 2. 4. 2. 4. 4. 4. 2. 4. 4. 4. 2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	-1.022 -2.68 -2.165 -2.185 -2.186 -1.616 -2.155 -2.187 -2.04 -1.67 -2.159 -1.76 -1.76 -1.76 -1.76 -1.76 -1.77 -1.79 -1.53 -1.42 -1.40 -1.57 -1.49 -1.4	3. 347 4. 1922 2. 4. 2957 6. 2. 1738 7. 4. 4. 1922 2. 4. 2957 6. 2. 1738 7. 4. 4. 367 7. 4. 4. 367 7. 4. 4. 367 7. 4. 4. 367 7. 4. 4. 5. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	+0. 16 -1. 54 -1111111111.	4. 3777.7. 256. 5. 263. 6. 4. 533. 343. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	+2. 12 12 +4. 4. 61 +4. 4. 62 +4. 4. 61 +4. 62 +4. 63 +4. 64 +4. 64 +4. 64 +4. 64 +4. 64 +4. 65 +4. 64 +4. 65 +4.	6: 353 4 650 733 4 650 733 74 65 70 71 23 24 92 23 25 67 26 68 31 55 76 64 56 37 37 64 56 56 56 56 56 56 56 56 56 56 56 56 56	+4.048.43.43.43.43.43.43.43.43.43.43.43.43.43.	3.52 3.4 4.0 8.3 4.4 4.2 8.3 8.0 1.5 1.5 37 77 73 8.4 4.4 2.8 8.3 1.2 1.4 8.3 8.3 1.5 1.5 37 77 73 8.4 4.4 2.8 8.3 8.0 2.4 8.3 8.0 2.4 8.3 8.0 2.5 6.3 8.0 2.4 8.3 8.0 2.5 6.3 8.0 2.3 8.0 2.3 8.0 2.3 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	+1. 10 +0. 74 +0. 98 +0. 94 +0. 17 +0. 18 +0. 17 +0. 18 +0. 18 +0	46.50 9.53 40 4.55 9.77 34 44 4.55 9.77 48 48 48 48 48 48 48 48 48 48 49 9.11 11 12 12 12 12 12 12 12 12 12 12 12 1	+ 5.6.9.5.4.5.6.9.5.4.5.6.9.5.4.5.6.9.5.4.5.6.9.5.4.5.6.9.5.4.5.6.9.5.4.5.6.9.5.4.5.6.9.5.4.5.6.9.5.6.7.5.2.2.2.6.6.9.5.4.5.6.7.5.2.2.6.6.7.5.2.2.6.6.7.5.6.7.7.5.7.5
District of Columbia Washington (U.S.W.B.)	4. 8	2 +1.2	2.46	-0.91	6.45	+2.70	2. 12	-1.15	5.07	+1.37	2.84	-1.2 9	2,43	-2.28	1.36	2, 65	4.24	+1.00	7.40	+4.56	6. 43	+4.06	3.93	+0.61	49. 55	+ 7.2
Delaware Bridgeville Delaware City Dover Milford Millsboro Wilmington Wilm 'n (Porter Reservoir	5. 10 6. 00 5. 3 5. 00 5. 79 6. 1	0 +1.6 0 +3.2 3 +2.0 5 +1.4 9 +2.3 1 +2.7 2 +2.6	8 3.00 1 2.18 9 2.86 7 2.96 6 3.12 1 2.00 2 2.16	0 -0.44 0 -0.57 0 -0.41 0 -0.55 -0.45 0 -1.85 0 -1.20	5. 84 6. 13 7. 15 5. 55 7. 35 6. 68 6. 87	+2. 05 +3. 05 +3. 20 +1. 60 +3. 53 +3. 25 +3. 49	2. 21 1. 95 3. 17 3. 07 3. 18 5. 1. 59 1. 48	-1. 29 -1. 42 -0. 36 -0. 42 -0. 48 -1. 89 -2. 00	4.70 5.80 6.30 5.69 4.50 4.00	0 +1.18 0 +2.64 2 +2.72 0 +2.09 3 +1.19 6 +0.60 2 +0.56	3.40 3.25 2.96 5.32 2.65 5.19 4.91	-0.33 -0.60 -0.58 $+1.60$ -1.07 $+1.37$ $+1.09$	2.62 2.35 1.70 2.17 3.87 2.27 1.55	-2.60 -1.26 -2.88 -2.32 -0.80 -2.80 -3.52	2.23 1.55 1.86 1.59 2.20 3.09 3.50	$ \begin{array}{r} -2.12 \\ -2.33 \\ -2.68 \\ -2.92 \\ -2.81 \\ -1.54 \\ -1.13 \\ \end{array} $	0.95 2.02 1.97 1.37 4.15 2.57 2.97	-2.05 -1.48 -1.69 -1.98 +1.21 -1.00 -0.60	6. 31 5. 85 5. 90 8. 18 8. 00 5. 71 6. 21	+3.23 +3.25 +3.11 +5.00 +4.69 +2.59 +3.09	4.35 6.00 5.45 4.85 5.28 7.01 7.14	+1.88 +3.63 +2.36 +1.92 +2.64 +4.14 +4.27	3. 41 4. 02 4. 29 4. 21 4. 13 3. 31 3. 18	+0.20 +0.68 +0.92 +0.53 +0.37 -0.31	44.12 47.07 48.96 50.01 54.28 49.54	+ 1.3 + 8.8 + 5.8 + 6.0 +10.3 + 5.7 + 6.9

^{*} Determined from surrounding stations.

		Mont	hly	and .	annı	al M	ean	Teml	erat	ures	ior t	ne x	ear	. 932,	wit	n De	partu	ires i	rom	the I	NOTE	iai	· ·			
	Jan	uary	Febr	February		arch	A	pril	1	May	J	иле	J	uly	Au	igust	Sept	tembe	Oc	tober	Nov	ember	December		An	nual
Stations	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Marpland Aberdeen Annapolis Baltimore (U.S. W. B). Bell. Boyds. Cambridge. (near). Cecilton Cheltenham Cheltenham Coleman College Park Crisfield Cumberland Darlington Easton Elkton Elkton Elmmitsburg Frallston Ferry Lauding Frederick Friendsville Frostburg Grantsville Great Falls Hancock. (Tonoloway) Keedysville La Plata Laurel Lutherville Maryland Line Millington Oakland Parkton (Prettyboy Dam Picardy Rock Hall Salisbury Sines (Deep Creek) Snow Hill Solomons(DrumPt Lt. St) State Sanatorium Stavensville Takoma Western Port Westminster Woodstock	46.4 43.4 44.4 43.4 45.5 44.6 42.9 45.6 44.6 44.6 46.4 46.6 46.4 46.6 46.6	+11.5 ± +12.5 ± +12.6 ± +13.6 ± +13.6 ± +14.6 ± +13.6 ± +14.6	3 41. 4 4. 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ +6.8 + 4.5 + 6.6 + 6.5 + 4.5 + 4.5 + 6.6 + 6.5 + 4.5 + 6.6 + 6.5 + 7.5 + 6.6 + 6.5 + 7.5 + 6.5 + 7.5	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-3. 2 0 4 1 -3 1 -3 1 -3 1 -3 1 -3 1 -3 1 -3 1	52. 6 6 7 52. 8 49. 8 52. 8 49. 9 50. 8 48. 6 6 51. 54. 3 6 6 6 7 50. 8 49. 8 6 52. 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	-0.8 -0.9 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	62.9 63.0 66.2 8.6 66	$\begin{array}{c} -1.2 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.03 \\ 0.$	72. 46 71. 46 67. 22. 27 70. 40 72. 27 70. 40 72. 07 71. 18 72. 17 72. 17 73. 22 68. 22 71. 26 68. 27 71. 28 71. 2	$-0.8 \\ +0.9 \\ 0.0 \\ -1.6$	76.83774.477775.668.8376.422775.286.3774.468.8376.422775.286.377.406.83777.426.3777.477.777.777.777.777.777.777.777.77	-0.9	76. 8 8 8 77. 76. 6 8 77. 77. 8 77. 77. 8 77. 77. 8 77. 77.	+1.2.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.1.3.4.4.6.4.4.4.6.4.4.4.6.4.4.4.6.4.4.4.6.4.4.4.6.4.4.4.6.4.4.4.6.4.4.4.4.4.4.6.4	71-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	$\begin{array}{c} +1.6 \\ -1.2 \\ 2.2 \\ -2.0 \\ -2.$	58.6 6 54.4 6 55.7 9 54.4 6 55.7 9 55.4 4 6 56.5 8 6 56.2 4 1 1 3 5 56.5 8 4 6 5 5 5 6 5 5 6 5 6 5 6 5 6 5 6 5 6 5	$\begin{array}{c} +1.1 \\ +0.4 \\ +0.9 \\ +0.5 \\ -1$	46.2 44.4 46.5 44.4 46.5 42.4 44.4 8.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 44.4 48.4 48.4 44.4 48	-0.5 2 4 4 -0.5 6 -0.5	39. 2 9 36. 6 9 37. 2 9 36. 5 7 3 36. 8 1 1 2 3 3 7 2 2 3 3 4 3 3 4 3 3 5 6 5 7 3 3 6 5 7 3 3 6 5 7 3 3 6 7 2 3 3 5 7 4 4 6 7 7 3 6 6 7 3 7 3 7 3 7 3 7 3 7 3 7 3	+2.1 +3.7 -0.2 +1.9 +1.0 +1.9 +1.3 +1.0 +1.3 +1.0 +1.2 +1.2 +1.3 +1.0 +1.2 +1.2 +1.3 +1.0 +1.2 +1.3 +1.0 +1.3 +1.0 +1.3 +1.0 +1.3 +1.0 +1.3 +1.0 +1.3 +1.0 +1.3 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0	57. 19 9 9 54. 9 9 55. 56. 56. 56. 56. 56. 56. 56. 56. 56.	+1.8 +2.6 +0.7 +0.6 +0.6 +0.6 +1.6 +1.6 +1.1 +1.1 +1.2 +1.1 +1.2 +1.1 +1.3 +1.1 +1.6 +1.6 +1.6 +1.6 +1.6 +1.6 +1.6
District of Columbia Washington (U.S. W.B.)										1	- 1	+1.0	77.4	+0.7	77.8	+2.8	70.3	+2.2	58.0	+0.6	44.7	-0.5	39.6	+3.0	57.3	+2.3
Delaware Bridge ville Delaware City Dover Milford Millsboro Wilmington	45.0 46.3 47.6	+12.0 +12.4 +11.3 +11.9 +12.6 +11.6	20 8	45.8	30 N	$ \begin{array}{r} -3.5 \\ -2.6 \\ -2.6 \\ -3.4 \\ -3.1 \\ -5.0 \end{array} $	51.8 51.4 51.8 52.2 52.0 50.2	$ \begin{array}{r} -1.3 \\ -0.7 \\ -1.4 \\ -1.6 \\ -0.8 \\ -2.4 \end{array} $	62.8	$\begin{array}{c} -0.5 \\ -0.2 \\ -0.2 \\ -0.9 \\ +0.0 \\ -1.1 \end{array}$	71.7 72.1 73.0 72.6	$ \begin{array}{r} +0.6 \\ -0.2 \\ -0.2 \\ +1.1 \\ +1.3 \\ -0.7 \end{array} $	76 1	$ \begin{array}{r} -0.1 \\ -0.5 \\ +0.2 \\ +0.4 \\ +0.2 \\ -1.3 \end{array} $	75. 6 76. 0 76. 2 76. 2 75. 5 74. 6	+1.4 +1.3 +1.8 +1.3 +1.0 +0.6	70.0 69.4 69.8 68.6	+0.5 $+1.6$ $+0.9$ $+0.5$ -0.3 $+0.7$	57.9 58.6 59.4 59.2	+0.4 $+1.5$ $+1.1$ $+1.5$	44.6 45.4 46.5 46.8	$ \begin{array}{r} -1.3 \\ -0.4 \\ -0.8 \\ +0.1 \end{array} $	37. 4 40. 1 40. 4 41. 6	+1.4 +3.4 +2.5 +4.1	57.4	+1.7 $+1.5$ $+1.7$ $+1.6$ $+2.0$ $+0.8$
For Maryland and District of Columbia For Delaware For entire section	44.4 46.4 44.7	$^{+11.7}_{+11.9}_{+11.8}$	40.5 40.8 40.5	+6.7 +5.9 +6.5	38. 2 40. 1 38. 5	-4.7 -3.6 -4.5	50.8 51.6 50.5	$ \begin{array}{c} -2.0 \\ -1.6 \\ -1.9 \end{array} $	61.9 62.9 62.0	-0.4 -0.6 -0.4	70. 6 72. 0 70. 8	0.0 0.0 0.0	74. 6. 76. 2 74. 8	-0.4 -0.5 -0.4	74. 6 75. 7 74. 7	$^{+1.6}_{+0.9}$	67. 9 69. 3 68. 0	$^{+0.3}_{+0.1}$	56.5 58.6 56.7	$+0.4 \\ +1.1 \\ +0.5$	43. 2 45. 7 43. 5	$-1.6 \\ -1.0 \\ -1.6$	37.5 39.4 37.7	+2.3 +2.4 +2.3		+1.1 +1.3 +1.2

^{*}Determined from surrounding stations.

(W.B.O., Richmond, Va.-3-10-33-1,350)