U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

CLIMATOLOGICAL

15 MARYLAND AND DELAWARE SECTION

J. R. WEEKS

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 $\mathbf{Vol}. \ \mathbf{XLVI}$ BALTIMORE, MD., YEAR 1942 No. 13

GENERAL SUMMARY

This year was warm with abundant precipitation. Property damage and crop loss were caused mostly by water.

January and February were moderately cold; March, September, October, and November were mild; April and May were warm; June and July were moderately warm; August was December was cold. cool;

Annual precipitation averaged nearly 1.2 times the normal. Precipitation was below normal in January, February, September, and November; normal in June; and above normal in May, July, and December. April was the driest such month of record. March, August, and October

were very wet.

Annual snowfall was above normal, except below normal in the extreme

Annual snowfall was above normal, except below normal in the extreme southern portion of Maryland and in Delaware. Snowfall was light in January, April, October, and November; very light in February; heavy in December; and very heavy in March.

Annual sunshine was slightly above normal. Sunshine was above normal in January, February, May, and July; normal in September and November; deficient in March, June, and August; very deficient in October and December. April was unusually sunny.

Grain, crop, tree fruit, and berry yields were mostly fair to good, except hay yields were good to heavy, fall spinach yields were heavy, and soy bean yields were record high.

and soy bean yields were record high.

Some property and some crops were damaged locally by thundergusts on May 31, June 7 and 12, and July 5 and 10. Some property was damaged locally by gale force gusts on December 2. Lightning caused some property damage locally on May 31, June 12, and July 20 and 31; five persons were killed.

There were two parallel mild tornadoes in Garrett County on August 11. One caused property damage of \$500 at McHenry; the other caused property damage of \$7,500 from Deer Park to Swanton.

Hail ruined crops valued at \$5,000 at Trappe Station on May 24 and at \$10,000 in northeastern Washington County on July 18.

A record snowfall for so late in the season occurred on Palm Sunday, March 29, over Washington County, north-central and southern Maryland, and the western half of the Eastern Shore; the falls ranged from 5 to 10 inches along the outer boundary of this area to between 30 and 36 inches in northern Carroll, northern Frederick, and northeastern Wash-

ington Counties. Heavy thundershowers on May 21 over east-central Frederick County, on June 12 over Frederick, Carroll, Howard, Montgomery, and northern Prince Georges Counties, on July 5 over Marriottsville, and on July 31 over extreme northeastern New Castle County caused streams to flood, gullied fields and roads, washed crops out of the fields, flattened grains

and crops, and flooded cellars and buildings.

Flood waters due to heavy rains of August 8-9 damaged homes and high(Continued on page 50)

CONDENSED SUMMARY OF CLIMATOLOGICAL DATA 1942

. 1												
	T	empera	ture	.	. :	Precipit	ation		Numb	direction		
Months	Меап	Departure from the normal	Highest	Lowest	Average	Departure from the normal	Greatest in 24 bours	Snowfall	With 0.01 inch or more of precipitation	Clear Partly cloudy	Cloudy	Prevailing directly of wind
January. February March April May June July August September October November December	32. 4 31. 9 44. 7 55. 7 66. 3 72. 2 76. 0 72. 7 68. 2 57. 8 46. 8 32. 3	$\begin{array}{c} -0.8 \\ -1.3 \\ -2.1 \\ +3.4 \\ +3.5 \\ +1.4 \\ +0.7 \\ -0.8 \\ +0.5 \\ +1.5 \\ +1.6 \\ -3.1 \end{array}$	66 66 79 96 98 99 102 97 95 87 81 67	-19 -9 5 18 33 39 44 35 19 14 11 -25	2. 12 6. 01 1. 10 3. 88 4. 01 4. 89 7. 34 2. 99 6. 53 2. 41	-0.83 -1.89 +2.38 -2.41 +0.39 +0.01 +0.55 +2.74 -0.33 +3.49 -0.13 +0.67	1. 17 1.85 4.60 1.80 4.10 3.22 4.94 3.50 5.10 1.30	4.3 2.1 13.7 0.1 0.0 0.0 0.0 0.0 T. 0.1 6.9	8 6 12 4 8 12 11 13 8 11 10 13	13 8 13 7 11 8 15 10 12 12 11 10 14 11 10 12 13 11 14 6 12 9 6 8	12 5 7 9 6 9 11	nw. nw. nw. s. nw. sw. nw. nw. nw. nw. nw. nw. nw. nw.

KILLING FROSTS 1942

Stations	Last in Spring	First in Autumn	Stations	Last in Spring	First in Autumn
Maryland			Maryland (con,t.)		
Aberdeen	Apr. 14	Oct. 27	Mt. Savage Summit	Apr. 21	Sept. 28
Annapolis	Mar. 30	Oct. 27	Oakland	Apr. 25	Sept. 25
Baltimore	Apr. 14	Oct. 27	Ocean City	Mar. 30	Nov. 12
Bell	Apr. 22	Sept. 29	Oxford	Mar. 25	Oct. 28
Beltsville	Apr. 22	Sept. 30	Perry Point	Apr. 14	Oct. 27
Blackwater	Apr. 14	Oct. 28	Picardy	Apr. 14	Sept. 29
Cambridge	Apr. 14	Oct. 28	Pleasant Hill	Apr. 14	Oct. 27
Charlotte Hall	Apr. 14	Oct. 27	Pocomoke City	Apr. 14	Oct. 28
Cheltenham		Oct. 27	Prettyboy Dam	Apr. 14	Oct. 27
Chestertown	Apr. 14	Oct. 27	Princess Anne	Apr. 14	Oct. 28
Chewsville	Apr. 22	Sept. 25	Ridgely	Apr. 14	Oct. 28
Clear Spring		Sept. 29	Rock Hall	Apr. 14	Oct. 28
Coleman		Oct. 27	Salisbury	Apr. 14	Oct. 28
College Park		Oct. 27	Silver Spring	Apr. 14	Oct. 27
Conowingo Dam		Oct. 27	Sines	Apr. 25	Sept. 25
Crisfield		Nov. 12	Snow Hill	Apr. 14	Oct. 28
Cumberland		Sept. 29	Solomons	Mar. 30	Nov. 14
Dundalk		Oct. 27	State Sanatorium	Apr. 13	Oct. 27
Easton		Oct. 28	Stevensville	Apr. 14	Oct. 28
Elkton		Oct. 27	Takoma	Apr. 14	Oct. 27
Emmitsburg	Apr. 13	Oct. 27	Tonoloway	Apr. 22	Sept. 25
Fallston		Oct. 27	Towson		Oct. 27
Ferry Landing	Apr. 14	Oct. 27	Unionyille	Apr. 22	Sept. 29
Fort George G. Meade.	Apr. 14	Oct. 27	Western Port		Sept. 29
Frederick		Sept. 29	Westminster		Sept. 29
Friendsville	Apr. 23	Sept. 25	Woodstock		Sept. 29
Frostburg	Apr. 14	Sept. 25	Washington, D. C	Mar. 30	Oct. 28
Georgetown	Apr. 14	Oct. 27	Delaware	1	ľ
Germantown	Apr. 14	Oct. 27	Bridgeville	Apr. 14	Oct. 27
Great Falls		Oct. 27	Delaware Breakwater.		Nov. 12
Huntingtown	Apr. 14	Oct. 27	Delaware City		Oct. 28
Keedvsville		Sept. 29	Dover		Oct. 28
La Plata	. Apr. 14	Oct. 27	Milford		Oct. 27
Laurel	. Apr. 14	Oct. 27	Millsboro		Oct. 27
Leonardtown		Oct. 27	Newark		Oct. 27
Maryland Line		Oct. 27	Odessa		Oct. 28
Millington	Apr. 14	Oct. 27	Wilmington	Apr. 14	Oct. 27

COMPARATIVE DATA FOR THE YEAR

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FOR DELAWARE

FOR MARYLAND

	Ten	perat	ure		cipita	tion :	Тег	nperat	ure	Pre	ipitat	ion
Year	Mean	Highest	Lowest	Average	Average snowfall	No. of days with .01 in. or more	Меап	Highest	Lowest	Average	Average snowfall	No. of days with .01 in. or more
1895 1896 1897 1898 1897 1898 1899 1900 1900 1900 1900 1900 1900	53. 54. 9 53. 1 55. 8 56. 8 57. 58. 7 58. 8 58. 8 5	102 109 100 100 100 100 100 100 100 100 100	-18i and a second	34. 67. 44. 55 44. 56 54 54 54 54 54 54 54 54 54 54 54 54 54	84.2 21.7 36.5 5 34.4 6.5 5 36.5 9 22.5 6 38.0 4 6.3 22.5 6 38.2 6 22.5 6 38.0 22.5 6 38.0 22.5 6 8 22	91 190 108 109 98 88 88 99 99 105 106 106 123 121 122 111 114 128 125 118 127 116 128 127 128 127 128 127 128 127 128 127 128 127 128 128 127 128 128 128 127 128 128 128 128 128 128 128 128 128 128	58. 8 54. 6 55. 6 55. 6 55. 8 56. 7 56. 8 56. 7 56. 8 56. 7 56. 8 56. 7 56. 8 56. 7 57. 8 56. 9 56. 9 56	101 103 107 108 109 100 104 100 109 101 101 101 101 101 101 101 101	-4 0 8 8 0 -14 8 8 1 6 -1 -10 6 -5 5 -5 5 -8 7 -10 0 1 1 1 6 6 -1 1 -1 5 2 -11 1 6 -1 7 -7 7 4 4 -7 7 7 -14 -15 5 -1 7 -14 -15 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 4 -1 5 -1 7 -1 7 -1 4 -1 5 -1 7 -1 7 -1 4 -1 5 -1 7 -1 7 -1 7 -1 7 -1 7 -1 7 -1 7	37. 13. 37. 13. 40. 39. 46. 48. 11. 29. 46. 48. 11. 42. 19. 11. 42. 19. 11. 42. 19. 11. 42. 19. 11. 49. 56. 56. 49. 56. 56. 41. 29. 38. 09. 48. 76. 42. 49. 58. 49. 58. 44. 25. 38. 09. 48. 38. 48. 38. 48. 48. 48. 58. 56. 49. 58. 56. 49. 58. 56. 49. 58. 56. 56. 56. 56. 56. 56. 56. 56. 56. 56	17.5 11.8 14.5 8.0 16.0 14.5 33.6 40.7 16.0 8.8 13.5 15.6 31.2 18.2	95 96 111 108 96 83 81 99 97 96 106 122 117 95 90 98 107 85 108 110 108 110 108 110 108 1110 108 1120 114 114 114 1129 118 119 92 1108 1108
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	Climatological Data for the Year 1942 Temperature, degrees Fahrenheit Precipitation																					
				Tempe	erature	e, degrees	Fahre	nheit			Pr	ecipitat	ion		,	A		Sky		8		
Stations	Counties	Elevation, feet	Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	Number of rainy days	Number of clear days	Number of partly cloudy days	Number of cloudy days	Prevailing direction of wind		
Maryland Aberdeen Annapolis Baltimore (U.S.W. B.) Bell \$ Baltimore (U.S.W. B.) Bell \$ Black water\$ Cambridge (near) Charlotte Hall Cheltenham Chesstertown Chewsville Clear Spring College Park Conowingo Dam Crisfield Cumberland Dundalk Easton Edgemont Elkton Emmitsburg (near) Fallston \$ Ferry Landing \$ Herrich Street Frederick Friendsville Frostburg Georgetown Gerantown Great Falls \$ Hancock Huntingtown Keedysville La Plata Laurel Leonardtown Luke Maryland Line Millington Mit. Savage Summit \$1 Oakland Ocean City Oxford Perry Point Picardy \$ Picardy \$ Picardy \$ Prettyboy Dams Princess Anne Ridgely Rock Hall Silver Spring Sines (Deep Creek) \$ Snow Hill Solomons State Sanatorium Stevensville Takoma Tonoloway \$ Towson Unionville Western Port Western Port Western Fort West	Anne Arundel Prince Georges Dorchester	5 13 167 230 35 630 630 560 80 160 40 5 623 112 35 920 450 1,950 1,950 25 460 420 190 428 160 420 190 50 840 1,960 60 87 77 80 1,780 17 67 77 80	244 777 722 22 2 2 2 49 119 42 43 43 43 43 66 6 6 88 66 2 46 6 6 6 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6	55. 1 55. 7. 5 55. 25. 5 56. 8 56. 5 56. 5 56. 1 56. 1 56. 8 56. 5 56. 6 56. 5 56. 6 56. 7 56. 6 56. 6 56. 2 56. 6 56. 1 56. 6 56. 2 56. 6 56. 2 56. 6 56. 2 56. 6 56. 2 56. 6 56. 2 56. 6 56. 2 56. 6 56. 1 56. 2 56. 3 56. 6 56. 2 56. 6 56. 1	977 968 988 988 988 987 97 97 988 988 101 101 101 101 101 101 101 101 101 1	July 19	4	Jan. 11 Dec. 21 Dec. 21 Jan. 11 Dec. 21 Dec. 21 Jan. 11 Dec. 21 Dec. 21 Jan. 11 Dec. 21 Dec. 21 Jan. 8 Jan. 11 Dec. 21 Dec. 21 Jan. 8 Jan. 11 Dec. 21 Dec. 21 Dec. 21 Jan. 8 Jan. 11 Dec. 21 Jan. 11 Jan. 11 Jan. 11 Jan. 11 Dec. 21 Jan. 8 Jan. 18 Dec. 21 Dec. 21 Jan. 11 Jan. 11 Jan. 11 Dec. 21 Jan. 11 Jan. 11 Dec. 21 Jan. 8 Jan. 11 Dec. 21 Jan. 11 Jan. 11 Dec. 21 Jan. 11 Dec. 21 Jan. 8 Jan. 11 Dec. 21 Jan. 11 Jan. 11 Dec. 21	22 49 42 42 43 45 46 46 56 56 67 72 23 73 26 1 11 24 41 6 2 2 54 46 10 45 12 49 13 49 16 44 17 82 18 49 19 49	42. 39 35. 26 46. 02 46. 08 48. 60 48. 107 46. 80 47. 42. 86 46. 163 46. 164 46. 166 47. 42. 49. 39 46. 64 47. 42. 49. 39 46. 66 46. 28 46. 168 47. 42. 49. 39 47. 42. 49. 39 47. 42. 49. 39 46. 68. 38. 39. 39. 70 47. 48. 87 48. 87 48. 87 49. 89 45. 50 47. 42. 49. 39 46. 68. 38. 39. 70 47. 48. 87 48. 87 49. 88 45. 50 46. 68. 38. 39. 70 47. 48. 87 48. 87 49. 88 40. 88 4	8. 28 6. 02 9. 85 6. 9. 85 7. 7. 75 6. 9. 85 7. 49 8. 92 8. 92 8. 92 8. 92 8. 92 8. 93 8. 10 8. 10	July Mar. Oct. Mar. Aug. Aug. Aug. Aug. Aug. Aug. Aug. Aug	0.85 0.28 0.48 0.61 0.75 0.75 0.62 1.13 1.58 0.75 0.62 1.13 1.73 0.97 0.62 1.10 0.65 1.13 1.73 1.73 1.73 1.73 1.73 1.73 1.73	Apr. Apr. Apr. Apr. Apr. Apr. Apr. Apr.	22. 0 20. 20. 22 20. 3 28. 9 20. 3 20. 3 2	109 111 116 122 99 97 111 140 115 115 128 129	119 125 121 121 121 121 121 121 121 121 121	119 101 104 102 105 106 107 107 107 107 107 107 108	124 118 86 97 93 84 89 100 100 95 99	nw.		
For Maryland and District of Columbia For Delaware, For entire section			·	54.7 55.4 54.8	102 100 102	July 19 July 19 July 19	-25 -14 -25			48. 17 44. 82 47. 66	12. 81 10. 49 12. 81	Aug. Aug. Aug.	0. 28 0. 81 0. 28	Apr. Apr. Apr.	29. 5 13. 4 27. 2	116 108 116	143 170 144	111 100 112	95	nw. nw. nw.		

†Also on other dates. Post Office addresses of these stations are as follows: Of Bell, Glenndale; of Blackwater, Cambridge; of Coleman, Worton; of Fallston, Bagley; of Ferry Landing, Owings: of Great Falls, Bethesda; of Mt. Savage Summit, Frostburg: of Odessa, Middletown; of Picardy, Paw Paw, W. Va.; of Pleasant Hill, Owings Mills; of Prettyboy Dam, Parkton; of Sines, Oakland; of Tonoloway, Hancock. †2 miles northwest of Frostburg: \$\sqrt{Municipal Bldg}\$. \$\sqrt{Municipal Bldg}\$. \$\sqrt{Municipal Bldg}\$.

ways in north-central and southern Maryland and due to heavy rains of August 12-13 damaged homes and highways in north-central Maryland. Damage to highways in northern Baltimore County was \$25,000. Unusually heavy rains during October 13-17 between the Allegheny Mountain highlands and the Chesapeake Bay caused a flood of the Potomac River during October 15-17. Property damage in Maryland was estimated between \$150,000 and \$200,000.

Streams were in flood in north-central and southern Maryland on October 16.
Repairs to highways damaged by flood waters during October in Maryland cost \$85,865.
January, February, and March were windy. In January heavy snow fell during the night of the 3d-4th and the severe cold of the 5th-12th produced ice several inches thick in the upper Chesapeake Bay. There was no severe cold and no heavy snow in February. In March the cold periods were 1st-4th in western Maryland and 2sth-31st over (Continued on page 52)

		Mon	thly	and.	Ann	ual P	recip	oitati	ion f	or the	e Y e	ar 19	42	with	Depa	ırtur	es fr	om tl	ıe N	orma	1			`		
÷*	Jan	uary	Feb	ruary	Ma	arch	Ar	ril	M	Ia'y	Ju	ine	J	uly	Au	gust	Sept	ember	Oct	obe r	Nov	ember	Dece	mber	Ann	ual
Stations	Precipitation	Departure :	Precipitation	Departuré	Precipitation	Departure	Precipitation	Departure .	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure .
Edgemont Elkton. Emmitsburg (near) Fallston Fraltston Fretry Landing. Fort George G. Meade Frederick Friendsville Frostburg. Georgetown Germantown Great Falls Haucock Huntingtown Keedysville La Plata. Laurel Leonardtown Luke. Maryland Line Millington M. Savage Summit Oakland Ocean City Oxford Perry Point Picardy. Pleasant Hill Pocomoke City Prettyboy Dam Princess Anne Ridgely. Rock Hall Salisbury Silver Spring Sines (Deep Creek) Snow-Hill Solomons. State Sanatorium Stevensville Takoma Tonoloway Towson. Unionville Western Port Westminster Williamsport Woodstock District of Columbia Washington (U.S. W. B.) Delaware Breakwater Delaware Breakwater Delaware Gity Dover Milford Millsboro Newark (University Farm) Odessa Wilm'n (Municipal Bidg.) Wilm'n (Municipal Bidg.) Wilm'n (Municipal Bidg.) Worden of the Markey of the Markey Control of the Markey Columbia Washington (U.S. W. B.) Dover Milford Millsboro Newark (University Farm) Odessa Wilm'n (Municipal Bidg.) Wilm'n (Municipal Bidg.) Wilm'n (Monicipal Bidg.)	3. 66 3. 47 1. 50 1. 1. 92 2. 66 1. 1. 92 2. 1. 50 1. 92 2. 1. 68 3. 3. 10 2. 2. 50 2. 1. 93 3. 7. 82 2. 1. 93 3. 7. 82 2. 1. 95 3. 1. 96 2. 2. 1. 95 3. 1. 96 2. 2. 1. 95 3. 1. 96 2. 2. 1. 95 3. 1. 96 2. 2. 1. 95 3. 1. 96 2. 2. 1. 95 3. 1. 96 2. 2. 1. 95 3. 1. 96 2. 2. 1. 96 2. 1.	-0. 86 -1. 53 -1. 64 -0. 86 -1. 63 -0. 86 -0. 86 -0. 86 -0. 86 -0. 86 -0. 86 -0. 87 -0. 87 -0. 87 -0. 88 -0. 98 -0	2. 53 1. 91 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	-0. 48 -1. 32 -0. 60 -0. 72 -1. 08 -0. 50 -0. 92 -0. 70 -0. 55 -0. 93 -0. 70 -0. 55 -0. 93 -0. 70 -0	5. 67 6. 626 6. 582 6. 582 6. 582 6	+2.17 +2.27 +3.38 +2.49 +2.83 +2.83 +2.40 +2.40 +4.15 +4.15 +4.15 +4.17 +2.00 +3.68 +2.63	0. 85 0. 288 0. 648 0. 615 1. 246 0. 588 0. 622 1. 020 0. 670 0. 54 0. 606 0. 622 1. 024 0. 606 0. 622 1. 024 0. 606 0. 622 1. 024 0. 606 0. 622 1. 024 0. 606 0. 622 1. 024 0. 606 0. 622 1. 024 0. 626 0. 6	-2. 50 -3. 42 -3. 68 -3. 28 -3. 68 -3	2. 600 1. 88 2. 91 6. 43 2. 91 6. 43 2. 91 6. 43 2. 91 6. 400 6. 73 4. 00 6. 73 4. 00 6. 73 4. 00 6. 73 6. 61 1. 144 6. 93 6. 400 6. 33 6. 400 7. 400 6. 33 6. 400 7. 400 6. 33 6. 33 6. 33 7. 400 6. 33 6. 400 6. 500 6.	-0.35 -1.66 -1.66 -1.67 -1.67 -1.74 -1.52 -1.13 -1.136 -1.132 -1.132 -1.136 -1.132	49.4 6.4 6.4 11.8 12.2 6.4 4.5 6.5 6.5 6.7 6.7 6.2 6.2 6.2 6.6 6.7 6.7 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2	$\begin{array}{c} -0.98\\ +1.32\\ -1.62\\ -1$	8.2.74.6.76.76.76.76.76.76.76.76.76.76.76.76.7	+4. 14 +1. 17. 17. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	4.791.7.011.8.6.131.6.135.7.131.6.13	$\begin{array}{c} -0.1665 \\ +3.67 \\ +3.67 \\ +3.67 \\ +3.67 \\ +3.67 \\ +4.23 \\ +3.42 \\ +2.64 \\ +4.23 \\ +4.4 \\ +4.74 \\ +4.4 \\ +4.74 \\ +4.134 \\ +4.4 \\ +4.74 \\ +4.134 \\ +4.1$	2. 45 61 61 62 61 61 62 61 61 62 61 61 61 61 61 61 61 61 61 61 61 61 61	-1.21 -2.00 -1.55 -0.58 -0.58 -0.59	5.4.37.55.5.4.7.7.4.8.59.54.7.7.4.8.59.54.7.7.4.8.59.54.7.7.4.8.59.54.7.7.4.8.59.54.7.7.4.8.59.54.7.7.4.8.59.54.7.7.4.8.59.54.7.7.4.8.59.54.8.4.7.7.4.8.59.54.8.4.7.7.7.8.8.50.54.8.4.7.7.7.8.8.50.54.8.4.7.7.7.8.8.50.54.8.4.7.7.7.7.8.8.50.54.8.4.7.7.7.7.8.8.50.54.8.4.7.7.7.7.8.8.50.54.8.4.7.7.7.7.7.8.8.50.54.8.4.7.7.7.7.7.8.8.50.54.8.4.7.6.8.4.8.9.8.50.54.8.8.8.8.9.8.9.9.9.9.9.9.9.9.9.9.9.9.9.	+2.41 4.4 6.85 +4.4 6.85 +5.81 4.9 +2.45 4.37 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.4 6.85 +4.5 6.85	2.752 2.036 2.071 2.236 2.257 2.257 1.911 2.216 3.533 1.632 2.916 3.533 1.912 2.816 3.533 1.912 2.816 3.911 2.816 3.911 2.816 3.911 2.816 3.911	+0. 32	2.844.2.988.4.36.3.966.4.13.4.526.3.3.4.66.4.1	$\begin{array}{c} -0.276 \\ -0.276 \\ -0.56 \\ -0.28 \\ +0.59 \\ -0.28 \\ -0.28 \\ -0.013 \\ -$	42. 39 35. 26 6. 68 46. 62 48. 57 61 65 6. 62 44 8. 57 61 65 6. 62 44 8. 57 61 65 6. 62 62 6. 64 6. 64 6. 67 62 6. 68 6. 67 62 6. 68	+2. 23 -9. 076 +13. 07 -10. 200 +5. 399 +10. 577 +9. 94 +0. 768 +14. 203 +5. 81 +17. 46. 111 +2. 33 +8. 047 +9. 10. 86 +17. 148 +16. 193 +17. 148 +17. 148 +18. 179 +19. 198 +19. 198 +19
		8		ns.	ent	Jan.	Fel			y and Apr.	An May	1			tion lug.	for the Sept.				Dec.	Year	- ·	,,			
	Barr Belt Big Boo Coll Her Poir Rob Sha	stow serville Piney Piney Pisbor Pisb	Dam o ark kout lle n SCS	ny)		2. 26 1. 73 2. 17 2. 37	1. 9 2. 7 1. 9 2. 0 2. 7 1. 4	08 6 96 6 52 98 6 99 6 70 4 41 5	. 13 . 18 . 26 	0.86 0.60 0.62 3.37 0.87 0.63 0.96 0.75 0.68 1.10	2.02 2.65 4.01 6.44 5.35 3.91 6.53 1.56 5.75 4.13	4.6 3.9 8.7 3.4 2.9 3.0 3.4 3.3	4 5 2 3 1 2 7 0 5 0 5 9	. 11 . 64 ! 03 	4. 29 9. 75 6. 53 7. 80 8. 96 9. 85 4. 50 5. 52 7. 62	2. 28 2. 53 4. 58 3. 47 -2. 29 3. 96 2. 63 3. 65 2. 39	6. 6 8. 9 4. 8	34 2. 36 1. 39 1. 39 2. 49 2.	60 96 24 66 47	3. 65 3. 73 3. 72 2. 20 3. 71 2. 88	 		round	ing sta	ations	

Aberdeen. 31,7		,	Mon	thly	and	Ann	ual M	lean	Tem	perat	ures	for t	he Y	ear 1	1942	with	Dep	artu:	res fr	om t	the N	orm	al				
Aberdeen. 31.7 -0.9 31.0 -1.1 44.4 +2.3 55.8 +4.8 67.0 +1.9 72.7 +1.2 77.4 +1.7 71.1 +0.2 69.6 +1.6 58.7 +2.8 64.4 +1.2 52.2 -1.1 55.1 +4.0 Annabolis (1.5 W B.) 32.7 +8.8 32.8 +1.0 40.0 +1.0 58.5 +2.9 65.0 +1.6 52.4 +0.0 57.7 +0.5 72.8 +0.0 +1.6 58.7 +2.8 64.4 +1.2 52.2 -1.1 55.1 +4.0 Annabolis (1.5 W B.) 32.7 +8.8 32.8 +1.0 53.0 +1.0 53.5 +1.0 53.0 +1.0		Janı	uary	Feb	ruary	Ma	arch	A]	pril	М	ay	Ju	ne	Ju	ıly	Au	gust	Septe	ember	Oct	ober	Nov	ember	Dece	mber	An	nual
Aberdeen. 31.7	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
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Aberdeen Annapolis Baltimore (U.S.W.B.) Bell. Baltimore (U.S.W.B.) Bell. Blackwater Cambridge (near) Charlotte Hall Cheltenham Chestertown Cheltenham Chestertown Coleman College Park Coleman College Park Conowingo Dam Crisfield Cumberland Dundalk Easton Elkton Emmitsburg (near) Fallston Ferry Landing Fort George G. Meade Frederick Friendsville Frostburg Georgetown Gernantown Great Falls Huntingtown Keedysville La Plata Lauuel Leonardtown Maryland Line Millington Mt. Savage Summit Oakland Oocean City Oxford Picardy Pocomoke City Prettyboy Dam Princess Anne Ridgely Rock Hall Solomons Salisbury Silver Spring Sines (Deep Creek) Snow Hill Solomons State Sanatorium Stevensville Takoma Tonoloway. Unionville Western Port Westminster Woodstock Delaware Bridgeville Belaware Breakwater Delaware City Dover Millsboro Newark (Uniy Farm)	33. 35. 36. 36. 36. 36. 36. 36. 36. 36. 36. 37. 37. 30. 37. 37. 37. 37. 37. 37. 37. 37. 37. 37	-1111111111.	8 32.8 33.0 34.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-1.(-1. -1. -1. -1. -1. -1. -1. -1.	45.6.9.44.9.9.9.45.6.46.2.2.35.4.46.2.2.35.4.46.2.2.35.4.46.2.2.35.4.46.2.2.35.4.46.2.2.35.4.46.2.2.35.4.46.2.3.3.40.9.9.40.40.9.9.40.40.9.9.40.9.40.9.40.9.9.40.9.40.9.9.40	+1.7	55.8 6.4 1.7 55.6 2.6 6.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5	+2.2 9 +3.1 +2.9 +3.1 +3.1 +3.1 +3.1 +3.1 +3.1 +3.1 +3.1	65.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0	$\begin{array}{c} +4.1 \\ +4.1 \\ -7.8 \\ +2.8 \\ -5.6 \\ -7.8 \\ -7$	72. 4 67. 74. 6 77. 74. 6 77. 74. 6 77. 74. 6 77. 74. 6 77. 74. 6 77. 74. 6 77. 74. 6 77. 74. 6 77. 74. 6 77. 74. 6 77. 74. 6 77. 77. 77. 77. 77. 77. 77. 77. 77.	+1.7 + +1.2 + +1.2 + +1.1 + +1.2 + +1.1 + +1.2 + +1.2 + +1.2 +1.3 +1.3 +1.3 +1.3 +1.3 +1.3 +1.3 +1.3	79.76.41 776.41 777.56.61 777.62 776.62 776.62 777.63 81.46 777.63 81.46 777.63 81.46 777.63 81.46 777.63 81.46 777.63 81.46 8	$ \begin{array}{c} -0.3 \\ +0.7 \\ +0.7 \\ -0.3 \\ +0.4 \\ +1.0 \\ -0.4 \\ +0.4 \\ +0.4 \\ +0.4 \\ +1.0 \\ -0.2 \\ +0.4 \\ -1.3 \\ -0.2 \\ -0.2 \\ -1.3 \\ -0.3 \\ -$	73. 64 74. 88 73. 0 0 74. 88 73. 8 6 73. 10 74. 11 77. 0 0 77. 10 77.	-2.1 -0.5 -2.1 -0.5 -2.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1	69. 64. 66. 69. 67. 69. 69. 69. 69. 69. 69. 69. 69. 69. 69	$\begin{array}{c} +2.7 \\ +0.1 \\ -0.7 \\ +0.4 \\ -0.7 \\ +0.4 \\ -0.7 \\ -0.5 \\ -0.7 \\ -0.6 \\ -0.7 \\ -0.6 \\ -0.7 \\ -0.6 \\ -0.7 \\ -0.7 \\ -0.7 \\ -0.7 \\ -0.8 \\ -0.7 \\ -0.8 \\ -0.7 \\ -0.8 \\ -0$	59. 56. 66. 67. 57. 68. 68. 68. 68. 68. 68. 68. 68. 68. 68	+1.6 +2.5 +2.5 +2.5 +2.6 +1.0 +0.7 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0	48.4 44.2 48.0 9 44.6 46.4 42.4 48.0 9 44.6 46.4 82.4 48.6 66.4 44.2 48.0 9 48.6 66.4 82.4 48.6 66.4 82.4 48.6 66.4 82.4 48.6 86.4 82.4 48.6 86.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82	+2.5 +2.6 +2.1 +2.6 +2.1 +2.1 +2.1 +2.1 +2.1 +3.8 +3.8 +3.8 +3.8 +3.8 +3.8 +3.8 +3.8	34.9 4 32.6 6 33.0 4 4 31.2 6 6 6 2 33.4 4 31.2 6 6 6 2 33.4 4 31.3 6 6 6 6 3 30.2 2 33.4 6 33.2 6 6 3 30.2 6 6 3 30.2 6 6 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	-3.1 -3.5 -3.3 -3.5 -3.3 -3.4 -4.4 -4.4 -3.5 -3.9 -3.6 -3.3 -3.1 -3.3 -4.0 -3.7 -3.1 -3.1 -3.1 -3.1 -3.1 -3.1 -3.1 -3.1	55.7.5.2.6.6.8.6.5.5.6.4.9.9.5.5.6.6.5.2.2.6.6.8.5.3.1.6.6.9.9.6.6.8.6.5.5.6.4.9.9.6.6.8.6.5.6.6.9.6.6.6.6.9.6.9.6.6.9.9.9.6.9.6.9.6.9.6.9.6.9.6.9.6.9.6.9.6.9.6.9.6.9.6.9.6.9.6.9.6.9.9.9.6.9	+0. +0. +0. +0. +0. +0. +0. +0. +1. +1. +1. +1. +1. +1. +1. +1. +1. +1

^{*}Determined from surrounding stations.

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the section; heavy rain fell during the 2-3d, except heavy snow fell in Garrett, Allegany, and western Washington Counties; a phenomenal heavy snowfall occurred on Palm Sunday, the 29th. There were no damaging frosts in April; there was a record length dry spell from the 12th to May 3d; there were many forest fires. Thunderstorms were unusually frequent in May; the 1st, 30th, and 31st were very warm. In June local heavy thundershowers were frequent; a heavy easterly rain occurred during the 26-27th.

There were several hot days and local heavy showers occurred on many days in July; the second half of the month was wet. In August the 8-17th was a wet period; the 24-

28th was a very cold period. The first and second decades in September were warm and humid with much cloudiness; the third decade was sunny, dry, and cool, except the 28-30th was a cold period. October 27-29th was a cold period with freezing temperatures and killing frosts; rains during the 13-17th yielded most of the monthly rainfall; the Potomac River was in flood during the 15-17th. November 14 and 15 were cold; the 17th-21st was an outstanding warm period. In December the 2d-5th, 13-14th, 16-17th, and 19th-22d were cold periods; the 19th-22d was a cold wave and produced below zero temperatures on the 21st; the 23d-31st was a mild period. —J. B., jr.