



AGROMETEOROLOGICAL BULLETIN

APRIL 1975

The weather during April

The cold showery conditions of March persisted into the first ten days of April and with temperatures well below normal and frequent night frosts, growth was very much retarded. Winds during this cold spell were mainly from between northeast and northwest and there were frequent showers of rain, hail and, occasionally, of snow. A change in weather type on 11th brought milder air from the southwest, air and soil temperatures rose to normal levels and growing conditions were considerably improved. An anticyclone developed over Ireland on 21st/22nd and the weather during the following few days was dry everywhere and very warm inland - near coasts sea fog kept temperatures down to much lower levels. Thundery outbreaks of rain, mainly in the Midlands and southeast, on the 26th heralded the end of the short warm settled spell and during the remainder of the month there was a return to cold northwesterly winds, wintry showers and night frosts with a consequent slowing-down of growth.

Mean air temperatures over the month were within 0.2°C of normal in most places, the main exceptions being Dublin Airport ($+0.4^{\circ}\text{C}$) and Cahirciveen (-0.6°C). Temperatures varied considerably during the month; during the very cold spell from 1st to 10th mean air temperatures were generally 2°C - 3°C below normal for early April and air frost was frequent in most inland areas. Mean soil temperatures at 10 cm depth were 1°C to 2°C below normal during this period and, except in some southern areas, they were below 6°C , the minimum temperature for grass growth, for most of the time. Soil temperatures rose sharply from the end of the second week and by the 26th they were about 6°C higher than they had been early in the month. The period 22nd - 26th was unusually warm for April - air temperatures rose to over 20°C in most inland places; at Birr, a maximum air temperature of 23.7°C on 25th was the highest air temperature recorded there for over a century. With the return to colder weather during the last few days, the upper layers of soil cooled off by about 2°C and there was widespread ground frost inland during the last three nights.

Rainfall for April was near normal in most areas; some places in the Midlands and south were, however, much drier than normal e.g. Cork Airport had only 60% of the normal April fall but on the other hand rainfall in some western and southwestern coastal areas was appreciably above normal - at Cahirciveen, for example, the monthly fall was 130% of normal. The period 22nd - 27th was dry nearly everywhere except in parts of the Midlands and southeast where torrential rain fell during thunderstorms in the afternoon of 26th. This heavy rain is reported to have caused serious damage in tillage fields in parts of south Leinster, notably in Co. Carlow where there was considerable erosion of top soil on sloping ground.

The data contained in this Bulletin are provisional. Some of the material in Table 1 will be published in its final form later in the Monthly Weather Report; final values of Solar Radiation at stations marked "e" in Table 2 will be published in the Monthly Weather Report.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

APRIL 1975

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL(10cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
		mm	%			°C	°C	°C				°C		°C	°C	hr	%	Kt			
Carlow (Oak Park) Co. Carlow	1-10	7.2	-	8	2	4.9	-	-8.5	04	5	13	0	-10.8	04	7	-	-	4.83	-	9	-
	11-20	11.9	-	7	4	9.9	-	+3.0	18	0	55	6	-2.0	18	2	-	-	3.29	-	8	-
	21-end	20.0	-	5	5	11.3	-	+1.7	30	0	68	23	-2.2	30	3	-	-	5.43	-	5	-
	Month	39.1	-	20	11	8.7	-	-8.5	04	5	136	29	-10.8	04	12	-	-	4.52	-	7	-
Shannon Airport Co. Clare	1-10	11.0	-	8	6	5.7	-	-1.6	06	3	15	0	-4.9	05	7	7.0	-	4.58	-	11	2
	11-20	29.3	-	10	5	10.4	-	+6.7	19	0	60	7	0.0	19	0	10.2	-	2.42	-	10	1
	21-end	21.9	-	4	4	11.6	-	+3.1	30	0	72	23	0.0	28	0	13.1	-	5.15	-	8	2
	Month	62.2	117	22	15	9.2	+0.1	-1.6	06	3	147	30	-4.9	05	7	10.1	+0.3	4.07	79	10	5
Ferryoy (Moore Park) Co. Cork	1-10	12.1	-	8	3	4.5	-	-2.5	06	6	9	0	-6.5	06	8	-	-	3.63	-	9	-
	11-20	21.7	-	7	6	9.6	-	+2.0	18	0	52	3	-1.1	18	2	-	-	2.29	-	6	-
	21-end	25.0	-	5	4	10.8	-	-1.0	30	1	64	20	-5.5	30	3	-	-	5.45	-	5	-
	Month	58.8	-	20	13	8.3	-	-2.5	06	7	125	23	-6.5	06	13	-	-	3.79	-	7	-
Mallow Co. Cork	1-10	13.2	-	8	5	5.5	-	-2.3	05	6	14	0	-7.3	05	9	-	-	3.74	-	-	-
	11-20	27.9	-	7	5	10.5	-	+3.6	19	0	57	5	-2.6	19	3	-	-	2.46	-	-	-
	21-end	16.3	-	4	3	11.3	-	-0.3	30	1	70	23	-5.3	30	4	-	-	4.77	-	-	-
	Month	57.4	103	19	13	9.1	-	-2.3	05	7	141	28	-7.3	05	16	-	-	3.66	-	-	-
Rocne's Point Co. Cork	1-10	2.5	-	2	1	5.9	-	+0.5	09	0	16	0	-1.3	09	5	7.1	-	5.24	-	16	5
	11-20	17.3	-	6	4	10.2	-	+5.9	19	0	58	5	+0.3	19	0	10.3	-	4.25	-	13	3
	21-end	11.3	-	3	3	8.8	-	+3.5	30	0	58	9	-0.7	28	1	11.6	-	5.61	-	9	2
	Month	31.1	60	11	8	8.8	-0.2	+0.5	09	0	132	14	-1.3	09	6	9.7	-0.5	5.03	94	13	10
Glencolumbkille Co. Donegal	1-10	40.2	-	9	7	5.7	-	+0.3	06	0	15	0				-	-	4.10	-		-
	11-20	29.8	-	7	5	10.2	-	+6.0	20	0	55	4				-	-	3.56	-		-
	21-end	11.5	-	4	3	9.6	-	+2.5	30	0	53	8	NA	NA		-	-	3.19	-	NA	-
	Month	81.5	-	20	15	8.5	-	+0.3	06	0	123	12				-	-	3.62	-		-
Glenties Co. Donegal	1-10	39.3	-	7	6	5.0	-	-3.5	06	5	11	0	-9.5	06	6	-	-	4.10	-	-	-
	11-20	26.6	-	9	6	9.5	-	+3.3	16	0	55	7	-3.5	16	2	-	-	3.00	-	-	-
	21-end	27.1	-	7	3	9.5	-	+0.6	30	0	51	11	-3.0	28	4	-	-	3.35	-	-	-
	Month	93.0	113	23	15	8.0	-	-3.5	06	5	117	18	-9.5	06	12	-	-	3.48	-	-	-

See January issue of Bulletin for explanatory notes on the tables.

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

APRIL 1975

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL (10cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.0°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%			°C	°C	°C				°C		°C	°C	Hr	%	Kt					
Malin Head Co. Donegal	1-10	18.9	-	8	5	5.1	-	-0.6	06	1	11	00	-2.4	06	4	6.3	-	5.19	-	19	5
	11-20	26.0	-	9	6	9.1	-	+4.4	18	0	47	02	+1.5	18	0	9.3	-	2.20	-	11	2
	21-end	18.4	-	5	4	9.0	-	+2.0	30	0	46	02	+0.7	30	0	9.6	-	3.26	-	11	3
	Month	63.3	118	22	15	7.8	-0.2	-0.6	06	1	104	04	-2.4	06	4	8.4	-	3.55	69	14	10
Dublin Airport Co. Dublin	1-10	13.7	-	9	3	4.7	-	-1.7	09	2	08	00	-3.4	09	6	6.0	-	5.63	-	13	2
	11-20	15.7	-	7	5	10.1	-	+4.2	18	0	58	06	-0.1	11	1	9.8	-	3.95	-	10	0
	21-end	14.3	-	5	4	11.0	-	+2.1	30	0	66	19	+0.1	30	0	12.2	-	5.85	-	6	0
	Month	43.7	98	21	12	8.6	+0.4	-1.7	09	2	132	25	-3.4	09	7	9.4	+0.1	5.14	96	10	2
Kinsealy Co. Dublin	1-10	12.3	-	8	4	5.5	-	-1.5	09	2	13	0	-3.6	09	8	-	-	5.91	-	10	-
	11-20	14.6	-	7	4	10.1	-	+3.5	19	0	57	7	-0.3	19	1	-	-	3.67	-	07	-
	21-end	20.9	-	6	5	10.1	-	+2.3	28	0	57	11	-1.3	30	1	-	-	5.90	-	05	-
	Month	47.8	-	21	13	8.6	-	-1.5	09	2	127	18	-3.6	09	10	-	-	5.16	-	07	-
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	14.3	-	7	4	4.8	-	-1.7	09	3	10	0	-4.3	05	8	-	-	5.13	-	9	-
	11-20	15.3	-	8	4	9.8	-	+2.8	18	0	54	6	-1.8	18	2	-	-	3.43	-	7	-
	21-end	15.3	-	4	3	10.7	-	+1.7	30	0	63	18	-1.8	28	2	-	-	5.44	-	5	-
	Month	44.9	-	19	11	8.4	-	-1.7	09	3	127	24	-4.3	05	12	-	-	4.67	-	7	-
Galway (Univ. Coll.) Co. Galway	1-10	17.0	-	8	6	6.0	-	-0.5	06	2	18	0	-	-	-	-	-	4.84	-	-	-
	11-20	50.8	-	9	8	9.9	-	+4.0	11	0	55	4	-	-	-	-	-	2.24	-	NA	-
	21-end	27.3	-	3	3	11.2	-	+2.5	30	0	68	22	NA	NA	-	-	-	5.16	-	NA	-
	Month	95.1	-	20	17	9.0	-	-0.5	06	2	141	26	-	-	-	-	-	4.08	-	-	-
Killarney (Muckross Hse.) Co. Kerry	1-10	26.2	-	8	7	5.3	-	-1.7	06	4	12	0	-8.0	06	7	-	-	3.32	-	-	-
	11-20	33.5	-	10	8	10.4	-	+7.0	19	0	60	5	+1.5	17	0	-	-	2.90	-	-	-
	21-end	33.9	-	4	4	10.9	-	+2.0	30	0	65	19	-2.0	30	2	-	-	4.33	-	-	-
	Month	93.6	-	22	19	8.9	-	-1.7	06	4	137	24	-8.0	06	9	-	-	3.52	-	-	-
Cahiriveen (Valentia Obsy.) Co. Kerry	1-10	16.2	-	7	6	6.1	-	+0.3	03	0	17	0	-4.3	06	4	7.4	-	4.22	-	12	2
	11-20	63.2	-	9	9	10.1	-	+6.4	18	0	57	3	+4.2	18	0	10.6	-	2.23	-	11	0
	21-end	22.7	-	4	4	10.2	-	+3.9	30	0	59	10	+0.1	28	0	12.6	-	6.55	-	7	3
	Month	102.1	137	20	19	8.8	-0.6	+0.3	03	0	133	13	-4.3	06	4	10.2	-0.3	4.33	84	10	5

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

APRIL 1975

STATION	PERIOD	RAINFALL				TEMPERATURE											BRIGHT SUNSHINE		WIND		
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL(10cm)			Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts	
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest	Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily
mm	%	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	Hr	%	Kt				
Tralee (Caherweesheen) Co. Kerry	1-10	21.7	-	8	6	5.5	-	-1.6	06	5	12	00	-4.7	06	5	-	-	3.69	-	-	-
	11-20	37.1	-	9	8	11.1	-	+5.6	18	0	67	11	+0.8	18	0	-	-	2.81	-	-	-
	21-end	27.5	-	4	4	10.6	-	+1.9	28	0	63	15	-1.1	29	4	-	-	4.48	-	-	-
	Month	86.3	-	21	18	9.1	-	-1.6	06	5	142	26	-4.7	06	9	-	-	3.66	-	-	-
Lullymore Co. Kildar.	1-10	14.5	-	9	5	4.2	-	-3.6	09	7	08	00	-7.5	03	8	-	-	5.05	-	11	-
	11-20	21.8	-	7	5	8.9	-	+1.2	19	0	45	02	-3.4	19	4	-	-	3.37	-	5	-
	21-end	19.9	-	4	4	10.0	-	+0.2	30	0	57	14	-2.6	30	5	-	-	5.34	-	6	-
	Month	56.2	-	20	14	7.8	-	-3.6	09	7	110	16	-7.5	03	17	-	-	4.59	-	7	-
Kilkenny Co. Kilkenny	1-10	6.8	-	4	2	4.9	-	-1.0	09	4	10	0	-4.4	05	7	5.8	-	4.74	-	8	2
	11-20	18.5	-	4	4	9.6	-	+0.2	19	0	53	6	-2.8	18	3	9.9	-	2.69	-	6	0
	21-end	36.5	-	5	5	11.2	-	+0.4	30	0	69	24	-1.5	30	3	12.6	-	5.45	-	5	0
	Month	61.8	127	13	11	8.6	+0.1	-1.0	09	4	132	30	-4.4	05	13	9.4	0.1	4.29	85	6	2
Mooncoin (Silver Springs) Co. Kilkenny	1-10	5.8	-	7	3	5.3	-	-1.0	06	4	12	00	-6.2	06	9	-	-	5.53	-	-	-
	11-20	16.5	-	6	3	10.0	-	+2.1	18	0	56	07	-3.9	18	2	-	-	3.70	-	-	-
	21-end	17.3	-	4	3	10.5	-	-1.4	30	1	62	18	-6.2	30	5	-	-	6.13	-	-	-
	Month	39.6	-	17	9	8.6	-	-1.4	30	5	130	25	-6.2	30	16	-	-	5.12	-	-	-
Ballinamore Co. Leitrim	1-10	18.4	-	9	6	4.7	-	-1.8	06	4	09	00	-2.8	06	6	-	-	4.56	-	9	-
	11-20	33.2	-	8	8	9.4	-	+3.6	18	0	50	03	+2.5	11	0	-	-	3.23	-	6	-
	21-end	15.8	-	3	3	10.5	-	+0.0	30	0	61	19	-3.8	30	4	-	-	6.05	-	5	-
	Month	67.4	-	20	17	8.2	-	-1.8	06	4	120	22	-3.8	30	10	-	-	4.61	-	7	-
Athenry (T. ...) Co. ...	1-10	10.6	-	7	3	NA	-	NA					-6.3	06	8	-	-		-		
	11-20	13.6	-	7	5	NA	-	NA					-2.0	18	3	-	-		-		
	21-end	10.9	-	5	4	NA	-	NA					-2.4	30	3	-	-		-		
	Month	35.1	-	19	12	NA	-	NA					-6.3	06	14	-	-		-		
Ballyrobe (Crough) Co. Mayo	1-10	20.6	-	7	5	5.1	-	-1.2	06	4	11	00	-9.1	06	8	-	-	3.93	-	7	-
	11-20	28.0	-	6	5	10.0	-	+5.2	11	0	56	03	-2.1	11	2	-	-	3.30	-	6	-
	21-end	17.6	-	3	3	10.6	-	+1.1	30	0	62	19	-4.1	30	4	-	-	3.59	-	5	-
	Month	66.2	-	16	13	8.6	-	-1.2	06	4	129	22	-9.1	06	14	-	-	3.61	-	6	-

See Annual Report of the Bureau of Meteorology for explanation of symbols on the tables

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

APRIL 1975

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND		SOIL (10cm)			Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%	°C	°C	°C					°C		°C	°C	Hr	%	Kt						
Belmullet Co. Mayo	1-10	19.6	-	10	6	5.9	-	-0.6	06	1	17	0	-3.8	06	3	7.3	-	4.32	-	15	5
	11-20	24.7	-	9	7	9.9	-	+6.0	19	0	56	3	+5.0	20	0	10.4	-	3.77	-	14	3
	21-end	17.8	-	5	5	9.6	-	+3.2	30	0	53	7	+1.5	30	0	11.7	-	3.58	-	10	3
	Month	62.1	129	24	18	8.5	+0.2	-0.6	06	1	126	10	-3.8	06	3	9.8	+0.2	3.89	72	13	11
Claremorris Co. Mayo	1-10	24.5	-	8	7	4.7	-	-1.2	06	3	7	0	-5.0	09	7	5.7	-	3.70	-	10	2
	11-20	23.4	-	6	6	9.4	-	+4.1	18	0	51	2	-0.5	18	1	9.6	-	2.35	-	8	1
	21-end	14.6	-	4	3	10.4	-	+0.6	30	0	60	19	-0.6	30	2	12.1	-	4.79	-	6	1
	Month	62.5	100	18	16	8.2	+0.1	-1.2	06	3	118	21	-5.0	09	10	9.1	+0.3	3.61	76	8	4
Glenties Co. Mayo	1-10	30.1	-	9	8	5.6	-	-3.5	06	2	15	0	-5.3	06	7	-	-	3.47	-	-	-
	11-20	29.3	-	9	6	9.8	-	+5.1	20	0	54	3	+3.8	20	0	-	-	3.44	-	NA	-
	21-end	21.1	-	5	3	9.8	-	+1.0	30	0	54	12	-0.8	30	1	-	-	3.45	-	-	-
	Month	80.5	-	23	17	8.4	-	-3.5	06	2	123	15	-5.3	06	8	-	-	3.45	-	-	-
Dunsany (Grange) Co. Meath	1-10	13.1	-	8	4	4.2	-	-3.0	09	5	8	0	-8.5	06	8	-	-	5.31	-	-	-
	11-20	19.0	-	8	6	9.1	-	+2.6	19	0	47	3	-3.5	19	3	-	-	2.79	-	-	-
	21-end	22.7	-	4	3	10.1	-	+0.1	30	0	57	15	-2.5	28	5	-	-	5.41	-	NA	-
	Month	54.8	-	20	13	7.8	-	-3.0	09	5	112	18	-8.5	06	16	-	-	4.50	-	-	-
Clones Co. Monaghan	1-10	12.9	-	9	6	4.2	-	-1.8	06	5	5	0	-6.5	06	7	5.5	-	4.72	-	11	2
	11-20	25.7	-	7	6	9.3	-	+2.2	18	0	49	4	-1.0	19	3	9.1	-	2.78	-	8	0
	21-end	11.7	-	4	4	10.5	-	+0.3	30	0	61	21	-1.7	30	2	11.9	-	5.24	-	7	1
	Month	50.3	98	20	16	8.0	+0.1	-1.8	06	5	115	25	-6.5	06	12	8.8	0.0	4.25	98	9	3
Birr Co. Offaly	1-10	9.7	-	8	3	4.4	-	-2.7	06	6	8	0	-7.2	06	6	6.3	-	4.86	-	8	1
	11-20	17.0	-	7	5	9.9	-	+3.4	18	0	56	5	-1.3	18	1	10.1	-	2.93	-	7	1
	21-end	12.4	-	4	3	11.1	-	+1.7	30	0	68	22	-0.3	30	1	13.3	-	5.84	-	5	1
	Month	39.1	81	19	11	8.5	+0.1	-2.7	06	6	132	27	-7.2	06	8	9.9	+0.5	4.54	90	7	3
Tearlach Co. Tipperary	1-10	11.4	-	6	3	-	-	-	-	-	-	-	-	-	-	-	-	NA	-	-	-
	11-20	27.6	-	7	5	-	-	NA	-	-	-	-	-	-	-	-	-	3.29	-	-	-
	21-end	12.5	-	4	3	-	-	-	-	-	-	-	-	-	-	-	-	4.33	-	-	-
	Month	51.5	96	17	11	-	-	NA	-	-	-	-	-	-	-	-	-	-	-	-	-

See January issue of Bulletin for explanatory notes on the tables.

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE and WIND

APRIL 1975

STATION	PERIOD	RAINFALL				TEMPERATURE									BRIGHT SUNSHINE		WIND				
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL (10 cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gasts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
Dungarvan (Ballyraghin) Co. Waterford	1-10 11-20 21-end Month	mm NA	% -			°C	°C	°C				°C			°C	°C	Hr	%	Kt		
Mullingar Co. Westmeath	1-10 11-20 21-end Month	13.0 26.7 17.3 57.0	- - 103	8 8 4 20	5 6 4 15	4.4 9.2 10.7 8.1	- - - -	-2.7 +2.3 +0.2 -2.7	09 18 30 09	5 0 0 5	07 48 63 118	00 03 22 25	-5.8 -1.0 -2.4 -5.8	09 18 30 09	8 2 3 13	5.7 9.3 12.2 9.0	- - - -	- - - 93	11 10 8 10	3 1 2 6	
Campile (Ballysop) Co. Wexford	1-10 11-20 21-end Month	7.8 28.2 13.3 49.3	- - - -	8 6 4 18	4 4 4 12	5.1 9.4 10.5 8.3	- - - -	-1.8 +3.4 +1.5 -1.8	09 18 30 09	5 0 0 5	11 50 61 122	00 02 16 18	-7.0 -2.6 -3.8 -7.0	09 18 29 09	9 2 3 14	4.68 2.72 6.90 4.57	- - - -	NA	- - - -		
Clonroche Co. Wexford	1-10 11-20 21-end Month	9.8 35.7 17.8 63.3	- - - -	7 6 4 17	3 6 3 12	5.0 9.3 10.4 8.2	- - - -	-1.5 +1.5 -1.0 -1.5	09 18 30 09	4 0 1 5	11 49 60 120	0 3 17 20	-5.9 -5.4 -7.6 -7.6	05 18 30 30	8 4 5 17	5.48 3.69 6.94 5.37	- - - -	7 6 4 6	- - - -		
Johnstown Castle Co. Wexford	1-10 11-20 21-end Month	6.5 37.2 10.5 54.2	- - - 94	8 5 4 17	3 5 3 11	5.2 9.6 9.9 8.2	- - - -	-1.3 +3.8 +1.4 -1.3	09 18 30 09	1 0 0 1	11 52 55 118	00 03 10 13	-5.2 -3.2 -3.8 -5.2	09 18 30 09	9 1 3 13	4.79 2.93 5.96 4.56	- - - -	7 8 6 7	- - - -		
Bosslough Co. Wexford	1-10 11-20 21-end Month	11.9 26.3 14.8 53.0	- - - 110	9 4 3 16	4 4 2 10	5.5 9.9 10.0 8.5	- - - -0.4	-0.3 +5.3 +2.9 -0.3	09 18 30 09	1 0 0 1	13 55 56 124	00 03 08 11	-2.5 +2.1 -1.5 -2.5	09 18 28 09	3 0 2 5	6.2 10.3 11.8 9.4	- - - -0.8	5.65 3.51 6.24 5.13	87	15 10 10 12	6 2 2 10

See January issue of Bulletin for explanatory notes on the tables.

TABLE 2.

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE APRIL 1975

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
		Joule/cm ²	mm	mm	mm	mm
Carlow (Oak Park) Co. Carlow	1-10	-	13	6	10	0
	11-20	-	19	7	17	0
	21-end	-	20	0	16	1
	Month	-	52	-	-	-
Kinsealy Co. Dublin	1-10		15	3	4	0
	11-20	NA	25	11	15	0
	21-end		25	4	19	0
	Month		65	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	12868	14	0	0	04
	11-20	9851	11	0	0	39
	21-end	17377	8	0	0	22
	Month	40096	33	-	-	-
Kilkenny e Co. Kilkenny	1-10		-	-	-	-
	11-20	NA	-	-	-	-
	21-end		-	-	-	-
	Month		-	-	-	-
Ballinamore Co. Leitrim	1-10	12058	12	0	7	7
	11-20	10817	29	0	3	4
	21-end	14732	23	8	11	0
	Month	37607	64	-	-	-
Glenamoy Co. Mayo	1-10	11620	12	0	0	18
	11-20	11824	17	0	0	13
	21-end	13186	17	0	0	4
	Month	36630	46	-	-	-
Birr e Co. Offaly	1-10	12873	-	-	-	-
	11-20	11117	-	-	-	-
	21-end	16382	-	-	-	-
	Month	40372	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	11	4	4	0
	11-20	-	22	0	0	15
	21-end	-	6	0	0	4
	Month	-	39	-	-	-