



## AGROMETEOROLOGICAL BULLETIN

APRIL 1976

### The Weather during April

April started cold, with showers of hail and snow on 2nd. During the next week temperatures rose gradually to normal values. From 5th to 10th amounts of rain were small. The wettest day of the month was 11th when over 13mm (half an inch) fell in many areas. From 12th to 14th it was cool and windy with occasional rain. Between 15th and the end of the month there was a widespread absolute drought since for fifteen consecutive days, no daily rainfall total was greater than 0.2mm. Easterly winds prevailed from 19th to 27th as a high pressure area moved slowly westwards from Scandinavia towards Iceland. The highest temperature of the month ( $21^{\circ}\text{C}$ ) was recorded at Cahirciveen on 20th but thereafter winds tended north of east and temperatures dropped. During this spell in the easterlies temperature maxima near the west coast were generally  $5^{\circ}\text{C}$  to  $8^{\circ}\text{C}$  in excess of those recorded on the east coast. On 28th and 29th the anticyclone centre shifted southwards across Ireland. Winds became light and variable and with clear skies the most serious radiation frost of the month ensued on 29th.

Monthly Rainfall was below normal. Values ranged from 40% to 60% of normal generally but were as low as 20% in parts of Cork. In west of Donegal over 70% of normal rainfall was recorded and this area escaped the drought. Soil moisture deficits rose from zero on April 1st to about 35mm on April 30th.

Air temperatures for the month were above normal in the north and west and below normal in the midlands, east and south. The four inch soil temperatures were above normal by  $0.5^{\circ}\text{C}$  to  $1.0^{\circ}\text{C}$  in most places and consequently grass growth was good. Air frosts occurred in some areas from 2nd to 4th, on 8th, 12th, 24th and 29th. On 29th we had the most widespread air frost of the month when minimum air temperatures of  $-2^{\circ}\text{C}$  to  $-3^{\circ}\text{C}$  were recorded. Ground frosts were frequent.

Sunshine was about 110% of normal generally. Extreme values varied from 100% at Belmullet to over 120% at Cahirciveen.

Strong Winds occurred on 13th and 14th when the northwesterlies gusted 35 to 50 kts. in many places. In the north and northwest gale gusts also occurred on 3rd, 6th and 10th.

Summary. April was dry, with more than normal sun especially in the latter half of the month.

TABLE 1.

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

APRIL, 1976.

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
Carlow (Oak Park) Co. Carlow	1-10	11.4	-	5	2	7.7	-	-1.0	08	2	33	2	-4.3	08	4	-	-	NA	-	7	-
	11-20	7.0	-	3	1	9.4	-	0.5	12	0	50	6	-1.2	12	1	-	-	4.61	-	5	-
	21-end	0.5	-	1	0	8.0	-	-2.2	29	2	37	2	-5.8	29	6	-	-	8.99	-	4	-
	Month	18.9	-	9	3	8.4	-	-2.2	29	4	120	10	-5.8	29	11	-	-	-	-	5	-
Shannon Airport e Co. Clare	1-10	11.6	-	5	2	8.4	-	0.5	02	0	41	3	-2.6	02	5	9.3	-	3.88	-	9	0
	11-20	9.7	-	3	3	10.3	-	1.8	12	0	59	12	-1.9	12	2	10.9	-	4.93	-	9	2
	21-end	0.0	-	0	0	9.5	-	2.0	26	0	51	5	-2.9	30	6	11.9	-	8.83	-	6	0
	Month	21.3	40	8	5	9.4	+0.3	0.5	02	0	151	20	-2.9	30	13	10.7	+0.9	5.88	115	8	2
Fermoy (Moore Park) Co. Cork	1-10	12.1	-	3	2	6.8	-	-3.5	04	4	25	1	-6.6	04	7	-	-	3.44	-	7	-
	11-20	3.0	-	3	2	10.0	-	1.1	12	0	49	4	-2.4	20	1	-	-	5.51	-	7	-
	21-end	2.1	-	1	1	7.2	-	-3.4	24	3	28	1	-8.0	29	9	-	-	7.89	-	5	-
	Month	17.2	-	7	5	8.0	-	-3.5	04	7	102	6	-8.0	29	17	-	-	5.61	-	6	-
Mallow Co. Cork	1-10	12.8	-	5	3	7.7	-	-2.0	02	4	34	2	-8.6	02	6	-	-	3.12	-	-	-
	11-20	3.0	-	2	1	9.9	-	0.9	12	0	56	7	-5.0	12	3	-	-	4.93	-	-	-
	21-end	1.3	-	1	1	7.3	-	-2.8	29	6	29	2	-8.2	29	8	-	-	7.30	-	-	-
	Month	17.1	31	8	5	8.3	-	-2.8	29	10	119	11	-8.6	02	17	-	-	5.12	-	-	-
Roche's Point e Co. Cork	1-10	8.2	-	3	2	8.3	-	2.0	02	0	39	2	-0.6	04	3	9.3	-	4.29	-	12	3
	11-20	6.9	-	2	1	10.2	-	3.9	12	0	58	7	1.6	12	0	11.2	-	6.30	-	14	4
	21-end	0.0	-	0	0	8.1	-	2.0	29	0	38	1	-3.9	29	1	11.3	-	8.49	-	11	0
	Month	15.1	29	5	3	8.9	-0.1	2.0	29	0	135	10	-3.9	29	4	10.6	+0.4	6.36	118	12	7
Glencolumbkille Co. Donegal	1-10	33.6	-	8	5	7.3	-	0.6	02	0	31	0				-	-	3.43	-		
	11-20	19.4	-	6	3	9.5	-	3.2	12	0	51	7				-	-	4.18	-	NA	
	21-end	5.0	-	1	1	9.3	-	2.2	23	0	49	5			NA	-	-	8.90	-		
	Month	58.0	-	15	9	8.7	-	0.6	02	0	131	12				-	-	5.50	-		
Glenties Co. Donegal	1-10	40.0	-	8	8	6.8	-	-2.3	02	3	27	0	-7.0	02	5	-	-	3.22	-	-	-
	11-20	23.6	-	5	5	9.5	-	-1.5	12	1	51	9	-7.2	12	1	-	-	4.42	-	-	-
	21-end	3.6	-	1	1	8.9	-	-0.7	23	2	45	4	-8.0	23	8	-	-	7.53	-	-	-
	Month	67.2	81	14	14	8.4	-	-2.3	02	6	123	13	-8.0	23	14	-	-	5.06	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

APRIL, 1976

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	°C	°C	°C	°C	°C	°C	°C	Hr	%	Kt				
Malin Head Co. Donegal	1-10	14.8	-	7	4	7.3	-	1.4	03	0	30	0	-2.0	03	2	7.8	-	3.72	-	17	6
	11-20	6.2	-	3	1	9.1	-	4.5	13	0	47	4	2.4	12	0	10.2	-	4.36	-	14	3
	21-end	0.4	-	1	0	8.6	-	2.0	23	0	42	1	-3.7	23	2	12.7	-	8.09	-	8	0
	Month	21.4	40	11	5	8.3	+0.3	1.4	03	0	119	5	-3.7	23	4	10.2	-	5.39	105	13	9
Dublin Airport Co. Dublin	1-10	3.6	-	3	1	7.8	-	0.3	02	0	34	1	-2.4	03	5	8.7	-	4.53	-	10	0
	11-20	14.1	-	3	2	9.1	-	1.6	12	0	47	4	-0.5	12	1	10.5	-	5.21	-	8	2
	21-end	0.0	-	0	0	7.8	-	1.0	29	0	34	0	-3.6	29	3	11.1	-	7.27	-	8	0
	Month	17.7	40	6	3	8.2	0.0	0.3	02	0	115	5	-3.6	29	9	10.1	+0.8	5.67	106	9	2
Kinsealy Co. Dublin	1-10	7.5	-	4	2	8.2	-	0.2	02	0	39	3	-3.7	08	4	-	-	5.06	-	9	-
	11-20	11.4	-	4	3	9.1	-	2.0	12	0	48	5	-1.8	16	3	-	-	5.04	-	7	-
	21-end	0.4	-	1	0	7.4	-	-1.2	29	1	30	0	-6.5	29	4	-	-	7.34	-	7	-
	Month	19.3	-	9	5	8.2	-	-1.2	29	1	117	8	-6.5	29	11	-	-	5.81	-	8	-
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	12.5	-	4	3	7.6	-	-0.8	08	1	32	1	-5.0	08	5	-	-	4.50	-	8	-
	11-20	9.5	-	4	3	9.2	-	1.1	12	0	48	6	-1.3	12	2	-	-	4.77	-	6	-
	21-end	0.0	-	0	0	7.0	-	-2.6	29	3	27	0	-6.5	29	5	-	-	6.70	-	5	-
	Month	22.0	-	8	6	7.9	-	-2.6	29	4	107	7	-6.5	29	12	-	-	5.32	-	6	-
Galway (Univ. Coll.) Co. Galway	1-10	21.4	-	5	3	8.3	-	2.0	02	0	39	2	-4.0	03	6	-	-	4.03	-	-	-
	11-20	10.3	-	3	3	10.4	-	4.0	12	0	60	12	-1.2	12	2	-	-	5.26	-	NA	-
	21-end	6.2	-	1	1	9.4	-	1.3	29	0	50	5	-9.0	29	9	-	-	8.88	-	-	-
	Month	37.9	-	9	7	9.4	-	1.3	29	0	149	19	-9.0	29	17	-	-	6.06	-	-	-
Killarney (Muckross Hse) Co. Kerry	1-10	25.7	-	5	3	8.2	-	0.3	02	0	38	1	-5.5	02	5	-	-	2.75	-	-	-
	11-20	6.9	-	4	3	9.7	-	1.5	12	0	54	8	-2.3	12	2	-	-	5.02	-	-	-
	21-end	2.0	-	1	1	8.1	-	-1.4	29	2	37	5	-5.0	29	8	-	-	7.91	-	-	-
	Month	34.6	-	10	7	8.7	-	-1.4	29	2	129	14	-5.5	02	15	-	-	5.23	-	-	-
Cahiriveen (Valentia Obsy.) Co. Kerry	1-10	25.3	-	4	4	8.3	-	2.5	02	0	39	1	-1.2	08	4	9.7	-	4.47	-	8	0
	11-20	9.1	-	3	3	10.3	-	4.9	16	0	59	10	3.5	16	0	11.2	-	5.94	-	10	2
	21-end	0.0	-	0	0	9.1	-	-0.7	29	1	47	10	-2.8	29	5	12.2	-	8.80	-	7	0
	Month	34.4	46	7	7	9.2	-0.2	-0.7	29	1	145	21	-2.8	29	9	11.0	+0.5	6.40	124	8	2

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TABLE 1. (Continued)

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APRIL, 1976.

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		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	°C	Hr	%	Kt						
Tralee (Caherweesheen) Co. Kerry	1-10	29.8	-	6	5	7.9	-	-0.3	02	1	36	1	-5.0	02	5	-	-	4.27	-	-	-
	11-20	8.0	-	3	2	9.8	-	0.8	12	0	54	10	-3.9	12	1	-	-	5.06	-	-	-
	21-end	0.1	-	0	0	8.3	-	-1.5	29	2	39	6	-4.9	24	8	-	-	7.85	-	-	-
	Month	37.9	-	9	7	8.7	-	-1.5	29	3	129	17	-5.0	02	14	-	-	5.73	-	-	-
Lullymore Co. Kildare	1-10	13.3	-	5	2	7.0	-	-2.6	08	3	27	0	-8.4	03	6	-	-	4.24	-	10	-
	11-20	14.3	-	4	3	8.7	-	-2.0	12	1	43	5	-2.3	12	3	-	-	NA	-	9	-
	21-end	0.3	-	1	0	6.5	-	-4.5	29	5	22	0	-10.8	29	6	-	-	8.08	-	7	-
	Month	27.9	-	10	5	7.4	-	-4.5	29	9	92	5	-10.8	29	15	-	-	-	-	9	-
Kilkenny Co. Kilkenny	1-10	5.7	-	4	2	7.4	-	-1.2	04	3	30	2	-6.1	04	6	8.5	-	3.18	-	6	0
	11-20	13.2	-	4	3	9.3	-	1.5	12	0	49	6	0.0	12	0	10.1	-	4.82	-	5	2
	21-end	0.0	-	0	0	7.5	-	-2.4	29	3	32	2	-7.3	29	8	11.5	-	8.33	-	4	0
	Month	18.9	39	8	5	8.1	-0.4	-2.4	29	6	111	10	-7.3	29	14	10.0	+0.5	5.44	108	5	2
Mooncoin (Silverspring) Co. Kilkenny	1-10	15.9	-	4	3	7.4	-	-2.6	03	4	31	2	-7.5	03	7	-	-	4.05	-	-	-
	11-20	10.7	-	4	2	9.0	-	2.5	12	0	47	5	-2.0	16	5	-	-	4.98	-	-	-
	21-end	1.4	-	1	1	8.0	-	-2.2	29	3	37	3	-6.3	29	8	-	-	8.31	-	-	-
	Month	28.0	-	9	6	8.2	-	-2.6	03	7	115	10	-7.5	03	20	-	-	5.78	-	-	-
Ballinamore Co. Leitrim	1-10	17.6	-	6	5	7.0	-	-0.6	03	2	28	0	-6.0	03	6	-	-	3.06	-	8	-
	11-20	12.6	-	4	3	9.7	-	1.0	12	0	53	10	-4.0	12	1	-	-	4.70	-	6	-
	21-end	2.8	-	2	1	8.5	-	-1.6	29	1	41	2	-6.4	29	5	-	-	6.71	-	4	-
	Month	33.0	-	12	9	8.4	-	-1.6	29	3	122	12	-6.4	29	12	-	-	4.82	-	6	-
Ardee (Boharnamoe) Co. Louth	1-10	20.1	-	4	3	7.7	-	-1.1	08	3	33	2	-6.0	03	6	-	-	-	-	-	-
	11-20	14.0	-	3	3	9.2	-	0.0	12	0	48	6	-3.0	12	3	-	-	-	-	-	-
	21-end	4.0	-	1	1	8.1	-	0.9	24	0	38	0	-6.0	29	6	-	-	-	-	-	-
	Month	38.1	-	8	7	8.3	-	-1.1	08	3	119	8	-6.0	29	15	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	27.4	-	5	4	7.5	-	-1.1	08	5	31	2	-6.5	08	7	-	-	3.36	-	7	-
	11-20	11.0	-	3	2	11.8	-	3.2	11	0	69	16	0.1	15	0	-	-	NA	-	5	-
	21-end	2.9	-	1	1	9.0	-	-1.6	29	1	47	5	-6.1	29	6	-	-	8.68	-	8	-
	Month	41.3	-	9	7	9.4	-	-1.6	29	6	147	23	-6.5	08	13	-	-	-	-	7	-

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TABLE 1 (Continued)

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		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	20.1	-	6	4	7.9	-	1.7	01	0	35	0	0.6	08	0	8.7	-	3.60	-	15	3
	11-20	8.8	-	4	3	9.8	-	4.4	12	0	55	9	2.3	12	0	10.6	-	3.96	-	13	2
	21-end	0.9	-	1	0	9.8	-	2.5	27	0	54	6	0.1	24	0	12.5	-	8.72	-	10	0
	Month	29.8	46	11	7	9.2	+0.5	1.7	01	0	144	15	0.1	24	0	10.6	+1.0	5.43	100	13	5
Claremorris Co. Mayo	1-10	24.7	-	7	4	7.2	-	-0.2	08	2	30	0	-4.9	08	7	7.9	-	2.88	-	9	3
	11-20	11.0	-	3	3	9.7	-	-0.4	12	1	53	11	-5.2	12	2	10.4	-	5.32	-	7	2
	21-end	1.3	-	1	1	8.5	-	-1.1	29	1	41	4	-5.6	29	5	10.9	-	8.33	-	6	0
	Month	37.0	59	11	8	8.4	+0.3	-1.1	29	4	124	15	-5.6	29	14	9.7	+0.9	5.51	115	7	5
Glenamoy Co. Mayo	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21-end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dunsany (Grange) Co. Meath	1-10	11.8	-	5	2	7.1	-	-2.1	08	3	28	0	-9.0	03	6	-	-	NA	-	NA	-
	11-20	11.3	-	4	3	8.3	-	-0.0	12	0	40	3	-5.0	12	4	-	-	5.15	-	NA	-
	21-end	0.2	-	1	0	NA	-	NA	NA	NA	NA	NA	NA	NA	NA	-	-	7.45	-	-	-
	Month	23.3	-	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clones Co. Monaghan	1-10	12.5	-	6	5	6.9	-	-0.5	08	3	26	0	-4.3	03	4	7.5	-	3.62	-	11	3
	11-20	13.9	-	4	2	9.4	-	0.8	12	0	50	9	-3.0	12	1	9.8	-	4.28	-	8	2
	21-end	0.1	-	0	0	8.1	-	0.5	23	0	35	1	-3.9	29	5	11.1	-	6.74	-	5	0
	Month	26.5	52	10	7	8.1	+0.2	-0.5	08	3	111	10	-4.3	03	10	9.5	+0.7	4.88	107	8	5
Birr Co. Offaly	1-10	11.2	-	3	3	7.6	-	-0.6	02	1	33	2	-3.1	03	5	8.6	-	3.96	-	6	0
	11-20	14.2	-	4	4	9.4	-	-0.2	12	1	50	7	-3.4	12	1	10.7	-	4.53	-	5	2
	21-end	0.0	-	0	0	7.9	-	-2.4	29	3	35	3	-7.2	29	6	11.5	-	7.91	-	5	0
	Month	25.4	53	7	7	8.3	-0.1	-2.4	29	5	118	12	-7.2	29	12	10.2	+0.8	5.47	109	5	2
Thurles Co. Tipperary	1-10	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11-20	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21-end	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Month	21.3	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE and WIND

APRIL, 1976.

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 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	°C	°C	°C	°C	°C	°C	Hr	%	Kt					
Dungarvan (Ballygagin) Co. Waterford	1-10 11-20 21-end Month	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -			
Mullingar Co. Westmeath	1-10 11-20 21-end Month	14.2 13.3 0.0 27.5	- - - 50	8 4 0 12	4 2 0 6	7.1 9.2 7.5 7.9	- - - -0.3	-1.5 0.5 -2.6 -2.6	03 12 29 29	3 0 1 4	28 48 32 108	0 6 0 6	-4.5 -1.7 -6.9 -6.9	03 12 29 29	6 1 5 12	7.5 9.6 9.9 9.0	- - - +0.1	4.30 4.50 7.49 5.43	108	11 9 7 9	1 3 0 4
Campile (Ballysop) Co. Wexford	1-10 11-20 21-end Month	18.8 11.3 0.4 30.5	- - - -	3 4 1 8	3 3 0 6	7.5 9.6 7.8 8.3	- - - -	-0.1 2.1 1.1 -0.1	03 12 29 03	1 0 0 1	32 53 35 120	1 9 1 11	-5.4 -1.9 -4.0 -5.4	03 16 24 03	7 2 5 14	- - - -	- - - -	4.31 5.40 8.11 5.94	-	NA	-
Clonroche Co. Wexford	1-10 11-20 21-end Month	21.3 11.0 0.5 32.8	- - - -	3 3 1 7	3 3 0 6	6.8 9.1 7.2 7.7	- - - -	-1.6 1.5 -0.4 -1.6	03 17 29 03	3 0 2 5	26 47 28 101	0 5 0 5	-8.0 -3.3 -7.6 -8.0	03 16 29 03	8 2 7 17	- - - -	- - - -	4.23 6.19 8.03 6.15	-	6 5 5 5	-
Johnstown Castle Co. Wexford	1-10 11-20 21-end Month	8.3 14.4 0.1 22.8	- - - 40	4 3 0 7	3 3 0 6	7.7 9.1 7.4 8.1	- - - -	0.7 2.0 1.5 0.7	03 12 29 03	0 0 0 0	33 47 31 111	1 4 0 5	-7.5 -3.0 -6.0 -7.5	03 16 24 03	7 3 6 16	- - - -	- - - -	4.32 6.48 7.82 6.21	-	7 7 6 7	-
Rosslare Co. Wexford	1-10 11-20 21-end Month	5.5 17.2 0.0 22.7	- - - 47	3 3 0 6	1 2 0 3	8.4 9.1 8.5 8.7	- - - -0.2	0.9 3.7 4.3 0.9	03 12 24 03	0 0 0 0	40 47 41 128	2 4 0 6	-1.5 -0.6 -2.2 -2.2	03 13 30 30	2 2 1 5	8.8 10.4 11.1 10.1	- - - -0.1	5.13 6.61 9.14 6.96	118	10 12 13 12	3 4 0 7

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TABLE 2. SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE APRIL, 1976.

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
		Joule/cm <sup>2</sup>	mm	mm	mm	mm
Carlow (Oak Park) Co. Carlow	1-10	-	20	8	8	-
	11-20	-	5	-	6	2
	21-end	-	27	27	33	-
	Month	-	52	-	-	-
Kinsealy * Co. Dublin	1-10	12630	26	19	19	-
	11-20	13885	12	1	20	-
	21-end	17868	20	20	40	-
	Month	44383	58	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	13091	9	-	0	1
	11-20	15086	17	-	0	8
	21-end	18738	21	21	21	-
	Month	46915	47	-	-	-
Kilkenny e Co. Kilkenny	1-10	12052	-	-	-	-
	11-20	14238	-	-	-	-
	21-end	19354	-	-	-	-
	Month	45644	-	-	-	-
Ballinamore Co. Leitrim	1-10	11739	24	6	6	-
	11-20	13860	16	3	9	-
	21-end	18740	27	24	33	-
	Month	44339	67	-	-	-
Glenamoy Co. Mayo	1-10	11562	26	-	0	4
	11-20	13217	3	-	0	11
	21-end	18928	24	14	14	-
	Month	43707	53	-	-	-
Birr e Co. Offaly	1-10	12214	-	-	-	-
	11-20	13387	-	-	-	-
	21-end	18343	-	-	-	-
	Month	43944	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-				
	11-20	-	NOT	AVAILABLE		
	21-end	-				
	Month	-				

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