



## AGROMETEOROLOGICAL BULLETIN

MARCH 1974

### The weather during March

From the farming point of view, the most important feature of the weather during the month was the absence of any appreciable rain during the period 22nd - 31st. After the three wet months, December-February, Spring work had been delayed because of poor ground conditions and although the situation improved somewhat during the last days of February and early March, a spell of broken weather from 14th - 20th March had again slowed up soil cultivation and the sowing of crops. The dry period during the last ten days of the month during which ground conditions improved considerably was therefore particularly welcome to tillage farmers.

Over the month as a whole rainfall amounts were below normal everywhere and in most parts of the Midlands, east and south, they were less than 70% of normal. The period 22nd - 31st was almost completely dry in most parts; some places in the western half of the country had some rain on the 31st but amounts were generally small.

Mean air temperatures over the month were below normal, ranging from  $0.2^{\circ}\text{C}$  to  $0.9^{\circ}\text{C}$  below the normal March values. Soil temperatures which had been well above normal during most of January and February dropped sharply in early March and were below normal for the first three weeks of the month. During the last week, however, the soil warmed up quickly and by the end of the month the temperatures at 10 cm depth were about  $1^{\circ}\text{C}$  above normal. Air frost was fairly widespread in inland areas during the period 1st - 5th with air temperatures falling to between  $-3.0^{\circ}\text{C}$  and  $-5.0^{\circ}\text{C}$ . Later in the month, air frost was recorded in most inland areas during the period 12th - 14th and on the night of 20th/21st.

TABLE 1.

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MARCH 1974

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	16.7	-	4	3	4.0	-	-2.2 03	5	11	00	-6.5 03	6	-	-	3.81	-	7	-
	11-20	14.8	-	5	3	6.2	-	-3.0 14	2	26	03	-7.6 14	8	-	-	3.40	-	9	-
	21-end	0.0	-	0	0	7.2	-	-0.4 21	1	36	05	-5.5 21	8	-	-	2.49	-	5	-
	Month	31.5	-	9	6	5.9	-	-3.0 14	8	73	08	-7.6 14	22	-	-	3.21	-	7	-
Shannon Airport e Co. Clare	1-10	13.4	-	5	4	5.2	-	-1.6 05	3	18	01	-6.0 04	5	5.4	-	3.93	-	10	1
	11-20	16.7	-	6	6	6.9	-	+1.5 12	0	29	02	-3.4 14	2	6.7	-	3.31	-	11	4
	21-end	6.1	-	1	1	8.7	-	+2.6 21	0	49	07	-2.6 21	2	8.7	-	1.96	-	7	0
	Month	36.2	66	12	11	7.0	-0.4	-1.6 05	3	96	10	-6.0 04	9	7.0	0.0	3.03	88	9	5
Fermoy (Moore Park) Co. Cork	1-10	7.6	-	3	2	4.1	-	-4.5 05	6	14	01	-10.0 05	7	-	-	3.54	-	6	-
	11-20	13.4	-	4	3	6.3	-	-2.8 13	2	27	03	-8.0 13	7	-	-	3.71	-	6	-
	21-end	0.9	-	1	0	7.3	-	-1.6 21	1	37	04	-7.3 21	5	-	-	1.83	-	3	-
	Month	21.9	-	8	5	5.9	-	-4.5 05	9	78	08	-10.0 05	19	-	-	2.99	-	5	-
Mallow Co. Cork	1-10	7.2	-	3	3	4.8	-	-4.0 04	5	17	01	-6.8 04	5	-	-	3.41	-	-	-
	11-20	15.6	-	4	4	6.7	-	-1.5 12	1	31	03	-3.7 12	3	-	-	3.47	-	-	-
	21-end	0.4	-	1	0	7.4	-	-1.0 21	1	37	04	-4.1 21	3	-	-	0.76	-	-	-
	Month	23.2	33	8	7	6.3	-	-4.0 04	7	85	08	-6.8 04	11	-	-	2.49	-	-	-
Roche's Point e Co. Cork	1-10	13.7	-	4	2	5.2	-	-0.2 05	1	15	00	-2.6 05	5	5.5	-	4.46	-	13	2
	11-20	21.3	-	5	4	7.1	-	+1.1 13	0	29	02	-1.8 13	1	6.9	-	4.27	-	13	5
	21-end	2.2	-	1	1	8.0	-	+2.9 21	0	40	02	-3.0 21	1	8.1	-	0.77	-	8	0
	Month	37.2	48	10	7	6.9	-0.6	-0.2 05	1	84	04	-3.0 21	7	6.9	-0.0	3.09	30	11	7
Glencolumbkille Co. Donegal	1-10	34.9	-	5	4	5.0	-	-1.2 04	2	14	01			-	-	5.07	-	7	-
	11-20	55.1	-	7	6	5.5	-	-0.2 13	2	16	00			-	-	3.80	-	9	-
	21-end	23.0	-	4	2	8.3	-	+2.4 21	0	44	05	NA	NA	-	-	3.60	-	7	-
	Month	113.0	-	16	12	6.3	-	-1.2 04	4	74	06			-	-	4.10	-	8	-
Glenties Co. Donegal	1-10	23.1	-	5	4	4.6	-	-4.0 04	4	16	01	-8.5 04	7	-	-	4.71	-	-	-
	11-20	55.4	-	7	5	4.8	-	-3.3 14	3	15	00	-8.5 14	6	-	-	3.73	-	-	-
	21-end	11.0	-	1	1	8.0	-	-1.0 21	1	43	07	-5.5 21	5	-	-	4.07	-	-	-
	Month	89.5	96	13	10	6.3	-	-4.0 04	8	74	08	-8.5 04	18	-	-	4.17	-	-	-

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

TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MARCH 1974

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
Malin Head Co. Donegal	1-10	13.3	-	4	3	5.1	-	+0.5	02	0	14	01	-1.1	02	4	4.4	-	3.69	-	17	5
	11-20	19.3	-	5	5	5.7	-	+1.4	13	0	17	00	-1.0	13	2	5.6	-	3.90	-	17	5
	21-end	12.5	-	3	1	7.8	-	+2.0	21	0	38	03	-0.3	21	1	7.8	-	3.68	-	12	5
	Month	45.1	78	12	9	6.3	-0.3	+0.5	02	0	69	04	-1.1	02	7	6.0	-	3.75	107	15	15
Dublin Airport Co. Dublin	1-10	15.4	-	4	3	4.5	-	-1.1	03	3	13	01	-5.1	05	8	4.3	-	3.56	-	11	0
	11-20	16.4	-	9	5	6.6	-	-0.6	14	1	25	02	-2.8	14	4	6.0	-	4.06	-	12	3
	21-end	0.0	-	0	0	7.6	-	+1.6	21	0	36	02	-2.3	21	5	7.6	-	2.56	-	7	0
	Month	31.8	-	13	8	6.2	-0.2	-1.1	03	4	74	05	-5.1	05	17	6.0	-0.2	3.37	95	10	3
Kinsealy Co. Dublin	1-10	16.8	-	5	2	4.4	-	-1.2	03	3	12	01	-7.0	03	8	-	-	3.34	-	8	-
	11-20	13.7	-	8	4	6.3	-	-1.6	14	1	24	02	-6.9	14	6	-	-	3.86	-	9	-
	21-end	0.0	-	0	0	7.1	-	0.0	21	1	32	01	-5.4	21	7	-	-	2.50	-	6	-
	Month	30.5	-	13	6	6.0	-	-1.6	14	5	68	04	-7.0	03	21	-	-	3.21	-	8	-
Galway (Univ. Coll.) Co. Galway	1-10	16.7	-	3	3	4.9	-	-1.3	04	3	15	01						5.13	-		-
	11-20	26.8	-	7	7	6.1	-	+0.9	14	0	21	01						2.92	-		-
	21-end	13.5	-	2	2	8.2	-	+3.5	21	0	43	04	NA	NA				1.97	-	NA	-
	Month	57.0	-	12	12	6.4	-	-1.3	04	3	79	06						3.30	-		-
Killarney (Muckross Hse) Co. Kerry	1-10	25.0	-	5	4	5.1	-	-2.0	04	3	18	01	-7.5	04	5	-	-	4.45	-	-	-
	11-20	26.5	-	6	5	6.9	-	+0.5	12	0	29	02	-3.5	12	6	-	-	3.01	-	-	-
	21-end	2.4	-	3	1	9.4	-	+1.0	21	0	47	06	-1.5	27	4	-	-	2.19	-	-	-
	Month	53.9	-	14	10	6.9	-	-2.0	04	3	94	09	-7.5	04	15	-	-	3.18	-	-	-
Cahiriveen (Valentia Obsy.) Co. Kerry	1-10	18.2	-	5	4	5.9	-	-2.5	05	2	21	01	-4.2	05	3	6.1	-	4.93	-	11	5
	11-20	34.3	-	6	6	7.2	-	+0.3	13	0	32	02	-1.2	13	2	7.3	-	3.05	-	11	5
	21-end	23.1	-	2	2	9.1	-	+1.1	26	0	54	06	-0.6	26	1	9.6	-	2.00	-	8	1
	Month	75.6	73	13	12	7.4	-0.9	-2.5	05	2	107	09	-4.2	05	6	7.7	-0.3	3.28	93	10	11
Tralee (Caherweesheen) Co. Kerry	1-10	39.5	-	5	4	5.2	-	-3.7	04	4	19	02	-6.5	04	5	-	-	4.91	-	-	-
	11-20	32.2	-	6	4	7.5	-	+0.6	12	0	35	04	-3.2	12	5	-	-	3.61	-	-	-
	21-end	3.3	-	2	2	8.8	-	+0.1	26	0	52	08	-3.3	28	4	-	-	1.87	-	-	-
	Month	75.0	-	13	10	7.2	-	-3.7	04	4	106	14	-6.5	04	14	-	-	3.41	-	-	-

TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

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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	°C	°C	°C	°C	°C	Hr	%	Kt					
Lullymore Co. Kildare	1-10	11.3	-	7	3	3.5	-	-3.2	04	6	10	01	-8.1	04	7	-	-	3.88	-	9	-
	11-20	13.9	-	6	2	5.5	-	-3.2	14	1	20	01	-8.7	14	5	-	-	3.30	-	11	-
	21-end	0.2	-	1	0	6.9	-	-1.3	21	1	32	04	-6.7	21	7	-	-	1.45	-	8	-
	Month	25.4	-	14	5	5.3	-	-3.2	14	8	62	06	-8.7	14	19	-	-	2.83	-	9	-
Kilkenny Co. Kilkenny	1-10	24.6	-	4	2	4.2	-	-2.5	05	4	12	01	-6.5	03	6	4.1	-	4.30	-	6	0
	11-20	16.0	-	6	3	6.5	-	-3.6	14	1	27	04	-6.0	14	4	5.7	-	3.88	-	7	3
	21-end	0.0	-	0	0	7.5	-	-2.0	21	1	39	06	-4.7	21	1	7.9	-	2.21	-	5	0
	Month	40.6	64	10	5	6.1	-0.5	-3.6	14	6	78	11	-6.5	03	11	6.0	-0.3	3.42	104	6	3
Moneen (Silverspring) Co. Kilkenny	1-10	13.4	-	5	3	4.4	-	-2.1	02	5	14	01	-7.9	04	7	-	-	4.33	-	-	-
	11-20	24.3	-	5	4	6.4	-	-2.8	14	2	28	03	-8.0	14	7	-	-	4.30	-	-	-
	21-end	0.4	-	1	0	7.5	-	-1.5	21	1	39	05	-6.9	21	7	-	-	2.45	-	-	-
	Month	38.1	-	11	7	6.2	-	-2.8	14	8	81	09	-8.0	14	21	-	-	3.65	-	-	-
Ballinamore Co. Leitrim	1-10	18.1	-	4	2	4.2	-	-2.0	02	4	13	01	-4.7	04	7	-	-	2.21	-	6	-
	11-20	40.9	-	7	4	5.1	-	-3.7	14	1	16	00	-6.7	14	5	-	-	2.80	-	7	-
	21-end	11.1	-	1	1	7.4	-	-1.1	21	1	38	05	-4.2	21	1	-	-	2.10	-	5	-
	Month	70.1	-	12	7	5.6	-	-3.7	14	6	67	06	-6.7	14	13	-	-	2.36	-	6	-
Arace (Boharmore) Co. Louth	1-10	5.4	-	4	2	3.9	-	-2.6	05	5	12	01	NA	NA	-	-	-	-	-	-	-
	11-20	10.5	-	5	4	5.6	-	-3.7	14	1	21	01	NA	NA	-	-	-	-	-	-	-
	21-end	0.0	-	0	0	7.2	-	-1.7	29	2	36	05	-6.9	21	6	-	-	-	-	-	-
	Month	15.9	-	9	6	5.5	-	-3.7	14	8	69	07	NA	NA	-	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	26.5	-	6	4	4.8	-	-3.6	05	3	17	01	-8.4	05	9	-	-	4.94	-	-	-
	11-20	41.4	-	7	7	5.8	-	-2.2	13	2	22	01	-6.2	14	7	-	-	3.45	-	-	-
	21-end	9.8	-	3	2	7.4	-	+0.6	21	0	35	03	-3.4	21	5	-	-	1.48	-	-	-
	Month	77.7	-	19	13	6.0	-	-3.6	05	5	74	05	-8.4	05	21	-	-	3.23	-	-	-
Belmullet Co. Mayo	1-10	10.6	-	5	4	5.4	-	-0.7	04	2	18	01	-3.0	04	4	5.7	-	5.19	-	10	2
	11-20	36.5	-	7	6	5.8	-	-1.4	13	1	20	00	-3.6	13	2	6.0	-	3.30	-	14	6
	21-end	13.4	-	3	2	8.4	-	+2.5	29	0	46	04	-0.5	21	1	8.4	-	2.51	-	10	2
	Month	60.5	83	15	12	6.6	-0.7	-1.4	13	3	84	05	-3.6	13	7	6.8	-0.2	3.63	95	11	10

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TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MARCH 1974

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
Claremorris Co. Mayo	1-10	12.7	-	3	2	4.2	-	-2.9	05	4	13	01	-7.7	04	6	4.0	-	4.65	-	9	1
	11-20	26.2	-	6	6	5.4	-	-2.4	14	2	19	01	-6.3	14	4	5.0	-	2.94	-	11	4
	21-end	9.2	-	2	2	7.3	-	-0.2	27	1	35	04	-3.4	21	4	7.0	-	1.28	-	8	0
	Month	48.1	64	11	10	5.7	-0.8	-2.9	05	7	67	06	-7.7	04	14	5.4	-0.7	3.10	95	9	5
Glenamoy Co. Mayo	1-10	15.0	-	5	5	4.6	-	-2.6	04	4	16	01	-4.6	05	6	-	-	4.73	-	-	-
	11-20	48.6	-	8	7	6.0	-	-4.0	14	2	19	01	-5.1	14	4	-	-	2.96	-	NA	-
	21-end	10.3	-	2	2	7.8	-	-1.5	29	1	42	06	-2.0	29	3	-	-	2.66	-	-	-
	Month	73.9	-	15	14	6.2	-	-4.0	14	7	77	08	-5.1	14	13	-	-	2.66	-	-	-
Dunsany (Grange) Co. Meath	1-10	14.2	-	5	3	3.4	-	-3.9	03	5	10	01	-11.0	03	9	-	-	3.28	-	-	-
	11-20	16.6	-	7	5	5.4	-	-4.0	14	1	18	01	-11.4	14	7	-	-	2.97	-	-	-
	21-end	0.1	-	0	0	7.0	-	-1.3	21	2	33	04	-8.5	21	6	-	-	1.79	-	NA	-
	Month	30.9	-	12	8	5.3	-	-4.0	14	8	61	06	-11.4	14	22	-	-	2.65	-	-	-
Clones Co. Monaghan	1-10	15.7	-	2	2	4.0	-	-3.7	05	4	13	01	-8.0	05	7	3.7	-	3.66	-	8	2
	11-20	35.6	-	7	5	5.3	-	-2.6	14	1	17	01	-8.2	14	6	5.0	-	3.30	-	9	4
	21-end	3.8	-	1	1	7.7	-	0.0	21	1	39	06	-5.5	21	4	7.0	-	2.50	-	6	0
	Month	55.1	92	10	8	5.8	-0.2	-3.7	05	6	69	08	-8.2	14	17	5.3	-0.5	3.25	103	8	6
Birr Co. Offaly	1-10	8.9	-	6	1	4.2	-	-4.9	05	4	14	01	-8.8	04	7	4.6	-	4.92	-	7	2
	11-20	19.1	-	8	4	6.2	-	-1.7	14	1	23	01	-6.6	14	4	5.9	-	3.38	-	7	3
	21-end	0.1	-	0	0	7.1	-	-0.1	21	1	34	04	-4.7	21	5	7.8	-	1.27	-	5	0
	Month	28.1	55	14	5	5.9	-0.8	-4.9	05	6	71	06	-8.8	04	16	6.1	-0.4	3.13	89	6	5
Thurles Co. Tipperary	1-10	22.4	-	2	2	4.7	-	-3.8	05	4	17	00	-8.0	03	9	-	-	4.22	-	-	-
	11-20	20.1	-	6	3	5.6	-	-2.1	14	3	21	02	-7.4	14	6	-	-	3.08	-	-	-
	21-end	0.2	-	1	0	NA	-	-	-	NA	-	-	-	-	-	-	-	1.03	-	-	-
	Month	42.7	66	9	5	NA	-	-	-	NA	-	-	NA	-	-	-	-	2.72	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	16.2	-	2	2	4.9	-	-2.2	02	4	16	01	-7.3	03	6	-	-	4.29	-	-	-
	11-20	28.3	-	4	5	6.8	-	-0.7	13	2	28	02	-5.7	13	6	-	-	4.58	-	-	-
	21-end	1.9	-	3	0	7.4	-	-1.4	21	1	37	04	-6.0	21	1	-	-	1.79	-	NA	-
	Month	46.4	-	9	7	6.4	-	-2.2	02	7	81	07	-7.3	03	13	-	-	3.50	-	-	-

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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 4.0°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	°C	°C	°C	°C	°C	Hr	%	Kt						
Mullingar Co. Westmeath	1-10	9.3	-	4	3	4.0	-	-2.4	02	4	11	01	-4.4	03	6	4.1	-	4.23	-	9	1
	11-20	20.0	-	7	5	5.4	-	-4.1	14	1	18	01	-6.0	14	3	5.3	-	3.41	-	9	4
	21-end	0.1	-	0	0	6.8	-	-1.4	21	1	32	04	-4.4	21	4	6.9	-	1.69	-	7	1
	Month	29.4	49	11	8	5.5	-0.8	-4.1	14	6	61	06	-6.0	14	13	5.5	-0.4	3.06	87	9	6
Cumpile (Ballysop) Co. Wexford	1-10	20.0	-	5	4	NA	-	-3.0	02	5	NA	NA	-6.1	03	7	-	-	4.42	-	-	-
	11-20	29.2	-	5	3	NA	-	-1.5	14	1	NA	NA	-6.3	14	7	-	-	4.74	-	-	-
	21-end	0.4	-	1	0	7.4	-	+0.6	21	0	37	04	-4.6	21	6	-	-	1.81	-	NA	-
	Month	49.6	-	11	7	NA	-	-3.0	02	6	NA	NA	-6.3	14	20	-	-	3.60	-	-	-
Clonroche Co. Wexford	1-10	24.9	-	4	3	3.8	-	-2.4	02	6	09	00	-8.9	06	8	-	-	4.22	-	6	-
	11-20	35.2	-	6	4	5.8	-	-1.3	14	2	22	01	-7.2	14	7	-	-	4.31	-	6	-
	21-end	0.3	-	1	0	7.3	-	-1.2	21	1	37	05	-6.8	21	7	-	-	2.72	-	4	-
	Month	60.4	-	11	7	5.7	-	-2.4	02	9	68	06	-8.9	06	22	-	-	3.74	-	5	-
Johnstown Castle Co. Wexford	1-10	30.5	-	4	4	4.4	-	-1.2	02	3	12	00	-7.5	02	7	-	-	4.27	-	7	-
	11-20	31.9	-	5	3	6.4	-	-1.5	14	1	25	01	-8.0	14	5	-	-	4.41	-	9	-
	21-end	0.2	-	1	0	7.4	-	+1.0	21	0	35	03	-6.1	21	6	-	-	2.60	-	6	-
	Month	62.6	80	10	7	6.1	-	-1.5	14	4	72	04	-8.0	14	18	-	-	3.74	-	7	-
Keshlone Co. Wexford	1-10	26.1	-	3	3	5.3	-	+0.8	02	0	14	00	-3.9	02	4	4.8	-	4.60	-	14	2
	11-20	23.4	-	5	4	7.2	-	+1.6	14	0	30	01	-4.5	14	2	6.6	-	4.88	-	12	4
	21-end	0.0	-	0	0	8.0	-	+3.7	21	0	40	01	-1.6	21	1	8.2	-	3.01	-	10	0
	Month	49.5	75	8	7	6.9	-0.2	+0.8	02	0	84	02	-4.5	14	7	6.6	-0.9	4.1	10	1	7

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

TABLE 2.

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

MARCH 1974

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	-	8	0	0	9
	11-20	-	8	0	0	5
	21-end	-	10	10	10	0
	Month	-	26	-	-	-
Kinsealy Co. Dublin	1-10	NA	10	0	3	7
	11-20	8806	14	0	3	0
	21-end	9616	23	23	26	0
	Month	NA	47	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	8593	0	0	0	29
	11-20	8504	16	0	0	35
	21-end	9052	12	0	0	6
	Month	26149	28	-	-	-
Kilkenny e Co. Kilkenny	1-10	7980	-	-	-	-
	11-20	9528	-	-	-	-
	21-end	10960	-	-	-	-
	Month	28468	-	-	-	-
Ballinamore Co. Leitrim	1-10	NA	1	0	0	18
	11-20	NA	7	0	0	34
	21-end	9076	7	0	0	4
	Month	NA	15	-	-	-
Glenamoy Co. Mayo	1-10	-	12	0	0	3
	11-20	-	9	0	0	40
	21-end	-	11	1	1	0
	Month	-	32	-	-	-
Birr e Co. Offaly	1-10	8308	-	-	-	-
	11-20	8518	-	-	-	-
	21-end	8485	-	-	-	-
	Month	25311	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	7	0	0	24
	11-20	-	13	0	0	20
	21-end	-	7	7	7	0
	Month	-	27	-	-	-

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