



AGROMETEOROLOGICAL BULLETIN

MAY 1973

The weather during May

The cold, wet conditions, experienced during the last week of April, persisted well into May and growing conditions during the first half of the month were poor. A change in weather type about mid-month brought warmer air over the country from the south and higher temperatures gave rise to much more favourable conditions for crop growth.

Mean air temperatures over the month were near normal, the low values during the first fortnight being balanced by above-average temperatures during the latter half of the month. During the last ten days, mean air temperatures were 2°C - 3°C above normal May levels in many places. The accumulation of degree-days above 10.0°C during the month was significantly higher than in May last year except in the extreme north. Degree-day totals ranged from 28 ($^{\circ}\text{C}$) at Malin Head to 73 ($^{\circ}\text{C}$) at Shannon Airport; corresponding values for May, 1972 were 25 ($^{\circ}\text{C}$) and 40 ($^{\circ}\text{C}$) respectively. Mean soil temperatures, at 10cm depth, were well up to normal by the end of the month and were at that stage about 3°C higher than at the same time last year.

Rainfall amounts for the month were above normal generally and few places had dry spells of any more than four days duration. Parts of Leinster and most places in Munster had over 150% of the normal May rainfall and Roche's Point with 222% of normal had its wettest May since 1931. Many places near the south coast experienced heavy rain on 2nd and 3rd; Dungarvan had 48.7 millimetres on 2nd and almost 50 mm were recorded in the Cork City area on the 3rd.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 1973

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	hr	%	Kt					
Carlow (Oak Park) Co. Carlow	1-10	39.9	-	9	7	9.1	-	+0.5	02	0	49	08	-4.4	02	3	-	-	4.07	-	9	-
	11-20	21.3	-	6	6	10.9	-	+0.8	15	0	67	23	-4.0	15	3	-	-	5.42	-	9	-
	21-end	18.0	-	9	4	13.3	-	+7.0	31	0	98	37	+3.5	25	0	-	-	2.92	-	6	-
	Month	79.2	-	24	17	11.2	-	+0.5	02	0	214	68	-4.4	02	6	-	-	4.10	-	8	-
Shannon Airport e Co. Clare	1-10	41.7	-	10	8	9.4	-	+1.8	02	0	52	08	-0.6	02	1	10.2	-	3.78	-	13	1
	11-20	27.6	-	6	5	11.4	-	+2.1	14	0	71	23	0.0	15	1	12.0	-	4.64	-	12	0
	21-end	34.7	-	9	6	13.7	-	+7.3	31	0	103	43	+5.9	31	0	14.1	-	2.58	-	8	0
	Month	104.0	167	25	19	11.6	+0.1	+1.8	02	0	226	74	-0.6	02	2	12.2	-0.9	3.63	57	11	1
Fermoy (Moore Park) Co. Cork	1-10	41.4	-	9	7	8.4	-	-2.0	01	2	44	07	-8.6	01	3	-	-	3.35	-	9	-
	11-20	28.1	-	6	6	10.0	-	-0.7	15	1	60	17	-4.2	15	5	-	-	4.88	-	8	-
	21-end	37.5	-	7	7	12.9	-	+3.5	24	0	94	35	+2.0	24	0	-	-	2.21	-	4	-
	Month	107.0	-	22	20	10.5	-	-2.0	01	3	198	59	-8.6	01	8	-	-	3.44	-	7	-
Mallow Co. Cork	1-10	59.7	-	8	7	8.7	-	-1.1	02	2	46	08	-8.0	01	5	-	-	3.25	-	-	-
	11-20	17.1	-	7	6	10.6	-	+0.1	15	0	64	19	-5.2	15	4	-	-	4.42	-	-	-
	21-end	56.1	-	9	6	13.0	-	+3.8	24	0	95	36	-1.4	24	1	-	-	2.36	-	-	-
	Month	132.9	186	24	19	10.8	-	-1.1	02	2	205	63	-8.0	01	10	-	-	3.31	-	-	-
Roche's Point e Co. Cork	1-10	60.3	-	8	6	9.2	-	+3.1	01	0	49	06	+0.8	05	0	9.8	-	4.31	-	16	4
	11-20	28.6	-	7	6	10.5	-	+5.5	11	0	61	12	-0.1	15	1	11.4	-	4.67	-	14	2
	21-end	54.2	-	8	7	12.4	-	+8.2	24	0	88	27	+3.0	24	0	13.2	-	2.08	-	10	0
	Month	143.1	222	23	19	10.8	-0.5	+3.1	01	0	198	45	-0.1	15	1	11.5	-1.5	3.64	55	13	6
Glencolumbkille Co. Donegal	1-10	36.0	-	9	8	8.5	-	+3.0	01	0	42	03	+3.0	01	0	-	-	3.66	-	11	-
	11-20	14.2	-	5	2	10.4	-	+2.3	14	0	62	17	-2.5	14	2	-	-	7.16	-	11	-
	21-end	34.6	-	10	8	12.9	-	+7.5	31	0	94	34				-	-	3.25	-	6	-
	Month	84.8	-	24	18	10.7	-	+2.3	14	0	198	54	NA	NA		-	-	4.64	-	9	-
Glenties Co. Donegal	1-10	35.2	-	9	8	7.9	-	-0.4	01	2	38	05	-6.8	01	4	-	-	3.32	-	-	-
	11-20	12.7	-	5	1	10.5	-	+0.7	15	0	63	19	-3.7	11	3	-	-	6.74	-	-	-
	21-end	39.7	-	7	7	13.0	-	+5.0	31	0	95	38	-1.2	25	1	-	-	3.13	-	-	-
	Month	87.6	104	21	16	10.6	-	-0.4	01	2	196	62	-6.8	01	8	-	-	4.35	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 1973

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					
Malin Head Co. Donegal	1-10	32.3	-	9	6	8.0	-	+1.8	02	0	38	02	-0.2	02	1	9.1	-	4.73	-	18	7
	11-20	16.6	-	6	3	9.1	-	+2.5	14	0	48	06	-0.3	14	1	11.0	-	6.37	-	18	6
	21-end	26.2	-	9	7	11.6	-	+6.8	31	0	79	21	+5.1	31	0	13.0	-	4.12	-	12	2
	Month	75.1	142	24	16	9.6	-0.6	+1.8	02	0	165	29	-0.3	14	2	11.1	-	5.04	75	16	15
Dublin Airport Co. Dublin	1-10	31.9	-	8	6	9.0	-	+1.5	01	0	48	06	-1.5	02	2	10.1	-	5.08	-	13	3
	11-20	27.1	-	5	5	10.1	-	+3.1	11	0	58	13	-1.4	16	3	12.2	-	6.39	-	11	2
	21-end	11.9	-	6	5	12.8	-	+7.6	31	0	93	33	+2.6	25	0	14.7	-	3.97	-	7	0
	Month	70.9	121	19	16	10.7	+0.1	+1.5	01	0	199	52	-1.5	02	5	12.4	-0.4	5.11	79	10	5
Kinsealy Co. Dublin	1-10	34.8	-	7	6	9.1	-	+1.0	01	0	49	07	-4.9	02	3	-	-	4.66	-	10	-
	11-20	20.0	-	6	4	9.9	-	+1.9	15	0	58	14	-4.5	15	4	-	-	5.85	-	7	-
	21-end	16.4	-	7	5	12.7	-	+6.7	25	0	91	32	+0.6	25	0	-	-	3.50	-	4	-
	Month	71.2	-	20	15	10.6	-	+1.0	01	0	198	53	-4.9	02	7	-	-	4.63	-	7	-
Galway (Univ. Coll.) Co. Galway	1-10	44.9	-	8	7	9.0	-	+2.2	01	0	47	06				-	-	4.14	-		-
	11-20	25.1	-	3	3	10.8	-	+2.5	14	0	65	18				-	-	6.20	-	NA	-
	21-end	24.5	-	8	7	13.5	-	+7.5	31	0	100	40	NA	NA		-	-	4.07	-	NA	-
	Month	94.5	-	19	17	11.2	-	+2.2	01	0	212	64				-	-	4.78	-		-
Killarney (Muckross Hse) Co. Kerry	1-10	56.0	-	8	7	8.8	-	+0.5	02	0	46	06	-4.5	02	3	-	-	2.79	-	-	-
	11-20	21.4	-	7	5	10.6	-	+2.1	15	0	64	16	-2.6	15	2	-	-	4.31	-	-	-
	21-end	31.2	-	8	6	13.1	-	+7.0	31	0	95	36	+3.2	24	0	-	-	3.27	-	-	-
	Month	108.6	-	23	18	10.9	-	+0.5	02	0	205	58	-4.5	02	5	-	-	3.45	-	-	-
Cahiriveen (Valentia Obsy.) Co. Kerry	1-10	39.5	-	8	6	9.4	-	+1.6	02	0	51	07	-0.4	01	2	10.4	-	4.32	-	12	4
	11-20	29.4	-	6	5	11.2	-	+2.2	15	0	68	19	-0.1	15	1	11.8	-	3.74	-	12	3
	21-end	24.7	-	8	5	13.2	-	+8.5	31	0	97	36	+5.4	24	0	14.9	-	3.98	-	9	0
	Month	93.6	109	22	16	11.3	-0.2	+1.6	02	0	216	62	-0.4	01	3	12.4	-0.9	4.01	61	11	7
Tralee (Caherweesheen) Co. Kerry	1-10	44.1	-	9	7	9.3	-	-0.2	02	1	52	09	-5.3	02	3	-	-	3.29	-	-	-
	11-20	14.8	-	4	3	11.1	-	+1.4	14	0	69	21	-3.1	15	2	-	-	4.66	-	-	-
	21-end	20.7	-	7	3	13.8	-	+6.6	31	0	104	43	+2.2	31	0	-	-	3.79	-	-	-
	Month	79.6	-	20	13	11.5	-	-0.2	02	1	225	73	-5.3	02	5	-	-	3.91	-	-	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 1973

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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
Lullymore Co. Kildare	1-10	46.0	-	9	8	8.2	-	-2.0	02	2	42	07	-7.8	02	6	-	-	4.10	-	12	-
	11-20	17.9	-	5	4	9.7	-	0.0	15	1	57	15	-5.5	15	4	-	-	5.28	-	11	-
	21-end	13.0	-	8	6	13.2	-	+6.0	31	0	97	38	+3.0	25	0	-	-	3.59	-	8	-
	Month	76.9	-	22	18	10.4	-	-2.0	02	3	196	60	-7.8	02	10	-	-	4.30	-	10	-
Kilkenny e Co. Kilkenny	1-10	31.2	-	9	6	9.0	-	0.0	02	1	48	08	-2.9	01	2	9.8	-	3.89	-	8	1
	11-20	22.3	-	6	5	10.6	-	0.0	15	1	65	18	-3.0	15	3	13.4	-	5.53	-	7	0
	21-end	32.7	-	8	5	13.2	-	+5.4	24	0	97	37	+1.6	24	0	14.6	-	2.75	-	5	0
	Month	86.2	138	23	16	11.0	-0.1	0.0	02	2	210	63	-3.0	15	5	12.6	-0.5	4.02	62	7	1
Mooncoin (Silverspring) Co. Kilkenny	1-10	39.1	-	7	6	8.8	-	-0.5	02	1	48	09	-4.4	01	4	-	-	3.74	-	-	-
	11-20	28.3	-	6	5	10.6	-	-1.0	15	1	66	20	-5.5	15	4	-	-	5.58	-	-	-
	21-end	24.0	-	9	6	13.1	-	+5.4	24	0	96	36	0.0	24	1	-	-	3.52	-	-	-
	Month	91.4	-	22	17	10.9	-	-1.0	15	2	210	65	-5.5	15	9	-	-	3.90	-	-	-
Ballinamore Co. Leitrim	1-10	46.6	-	10	9	8.0	-	-2.3	03	1	40	06	-4.8	02	3	-	-	3.91	-	-	-
	11-20	14.9	-	4	2	9.7	-	-1.4	15	2	56	16	-7.2	14	4	-	-	5.73	-	-	-
	21-end	37.0	-	7	4	12.9	-	+5.7	31	0	94	36	+1.7	25	0	-	-	2.51	-	NA	-
	Month	98.5	-	21	15	10.3	-	-2.3	03	3	190	58	-7.2	14	7	-	-	4.00	-	-	-
Ardee (Boharnamoe) Co. Louth	1-10	43.8	-	8	7	8.5	-	-1.7	02	1	45	08	-4.4	02	3	-	-	-	-	-	-
	11-20	23.2	-	4	3	9.1	-	-1.6	14	2	52	12	-4.2	14	4	-	-	-	-	-	-
	21-end	9.2	-	5	3	12.6	-	+6.6	31	0	91	33	+4.0	25	0	-	-	-	-	-	-
	Month	76.2	-	17	13	10.2	-	-1.7	02	3	188	53	-4.4	02	7	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	47.9	-	10	6	8.9	-	-1.0	02	1	46	07	-5.1	02	2	-	-	3.89	-	7	-
	11-20	16.2	-	5	3	10.1	-	-1.1	15	2	56	21	-6.3	14	4	-	-	5.13	-	7	-
	21-end	26.6	-	10	7	13.0	-	+4.9	31	0	95	38	+1.7	31	0	-	-	3.62	-	3	-
	Month	90.7	-	25	16	10.7	-	-1.1	15	3	197	66	-6.3	14	6	-	-	4.19	-	6	-
Belmullet e Co. Mayo	1-10	37.4	-	8	7	8.5	-	+1.0	02	0	43	05	-2.1	02	1	10.2	-	4.71	-	14	4
	11-20	20.6	-	4	3	10.4	-	+1.0	15	0	62	18	-0.4	15	2	12.0	-	7.09	-	13	3
	21-end	27.6	-	8	6	12.4	-	+6.9	31	0	89	30	+5.2	31	0	13.6	-	2.98	-	9	0
	Month	85.6	135	20	16	10.5	-0.5	+1.0	02	0	194	53	-2.1	02	3	12.0	-0.6	4.86	72	12	7

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 1973

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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					
Claremorris e Co. Mayo	1-10	46.6	-	9	8	8.0	-	-1.2	02	1	39	06	-3.1	02	2	9.0	-	3.68	-	10	2
	11-20	13.5	-	3	2	9.7	-	-0.7	15	2	56	15	-4.1	14	3	10.6	-	5.48	-	11	1
	21-end	27.2	-	8	7	12.7	-	+5.1	31	0	92	34	+2.9	31	0	13.6	-	3.33	-	6	0
	Month	87.3	130	20	17	10.2	-0.3	-1.2	02	3	187	55	-4.1	14	5	11.2	-0.8	4.14	68	9	3
Glenamoy Co. Mayo	1-10	44.0	-	9	8	8.3	-	-1.6	02	1	42	05	-4.5	02	2	-	-	3.72	-	12	-
	11-20	33.1	-	3	3	10.2	-	-0.6	15	2	61	18	-3.2	15	2	-	-	6.09	-	12	-
	21-end	50.2	-	10	7	12.5	-	+5.5	25	0	89	32	+3.8	25	0	-	-	2.90	-	8	-
	Month	127.3	-	22	18	10.4	-	-1.6	02	3	192	55	-4.5	02	4	-	-	4.19	-	11	-
Dunsany (Grange) Co. Meath	1-10	44.4	-	9	7	8.0	-	-1.4	02	2	40	05	-3.9	02	2	-	-	4.35	-	-	-
	11-20	19.9	-	4	4	9.3	-	-0.6	15	2	53	12	-4.0	15	4	-	-	5.57	-	NA	-
	21-end	21.4	-	7	5	12.8	-	+6.6	31	0	93	35	+4.0	24	0	-	-	3.14	-	-	-
	Month	85.7	-	20	16	10.1	-	-1.4	02	4	186	52	-4.0	15	6	-	-	4.31	-	-	-
Clones e Co. Monaghan	1-10	35.8	-	10	7	8.0	-	-1.7	02	1	40	06	-5.1	02	2	9.0	-	4.24	-	10	3
	11-20	8.6	-	4	3	9.4	-	-0.4	14	1	54	13	-5.2	14	4	11.0	-	6.71	-	10	3
	21-end	20.2	-	5	3	13.0	-	+5.4	31	0	95	36	+2.6	25	0	13.5	-	2.92	-	6	0
	Month	64.6	108	19	13	10.2	-0.3	-1.7	02	2	189	55	-5.2	14	6	11.2	-1.2	4.57	78	9	6
Birr e Co. Offaly	1-10	36.6	-	9	6	8.7	-	-0.6	02	2	46	07	-3.7	02	2	9.9	-	4.00	-	10	2
	11-20	18.0	-	4	4	10.4	-	-0.3	15	1	62	18	-3.1	15	3	12.3	-	5.25	-	10	1
	21-end	11.6	-	6	5	13.6	-	+6.8	31	0	101	41	+4.8	31	0	15.0	-	3.56	-	6	0
	Month	66.2	108	19	15	11.0	0.0	-0.6	02	3	209	66	-3.7	02	5	12.5	-0.4	4.25	67	8	3
Thurles Co. Tipperary	1-10	37.7	-	8	5	8.6	-	-1.2	01	2	45	06	-6.4	01	2	-	-	3.68	-	-	-
	11-20	17.3	-	6	4	9.9	-	-0.7	15	1	59	16	-6.3	15	4	-	-	4.09	-	-	-
	21-end	22.0	-	10	5	13.3	-	+6.3	31	0	98	39	+0.3	24	0	-	-	2.66	-	-	-
	Month	77.0	107	24	14	10.7	-0.3	-1.2	01	3	202	61	-6.4	01	6	-	-	3.45	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	77.8	-	10	7	8.8	-	+0.3	02	0	47	07	-2.3	02	4	-	-	3.28	-	8	-
	11-20	37.1	-	6	6	10.5	-	+0.5	15	0	63	16	-3.5	15	1	-	-	4.55	-	7	-
	21-end	21.7	-	8	5	12.8	-	+5.6	24	0	91	31	+0.8	24	0	-	-	1.44	-	4	-
	Month	136.6	-	24	18	10.8	-	+0.3	02	0	201	54	-3.5	15	5	-	-	3.04	-	6	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 1973

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				
Mullingar Co. Westmeath	1-10	43.2	-	9	9	8.5	-	+0.2	02	0	44	07	-2.8	02	2	9.7	-	4.26	-	12	1
	11-20	16.5	-	6	5	10.1	-	+2.2	15	0	59	15	+0.1	15	0	11.3	-	5.85	-	11	1
	21-end	21.2	-	4	4	13.5	-	+6.0	31	0	101	41	+4.9	31	0	14.3	-	2.91	-	8	0
	Month	80.9	131	19	18	10.8	0.0	+0.2	02	0	204	63	-2.8	02	2	11.9	-0.5	4.29	69	10	2
Campile (Ballysop) Co. Wexford	1-10	48.8	-	7	6	8.0	-	+1.0	03	0	39	07	-4.1	01	7	-	-	3.40	-		-
	11-20	37.9	-	7	5	10.5	-	+3.1	15	0	61	16	-2.1	15	2	-	-	5.03	-		-
	21-end	47.3	-	8	8	12.8	-	+7.1	24	0	93	34	+3.3	25	0	-	-	1.72	-	NA	-
	Month	134.0	-	22	19	10.5	-	+1.0	03	0	193	57	-4.1	01	9	-	-	3.33	-		-
Clonroche Co. Wexford	1-10	60.5	-	9	7	8.3	-	-0.6	01	1	43	06	-6.9	01	4	-	-	3.50	-	7	-
	11-20	38.1	-	5	5	10.2	-	+1.9	15	0	60	15	-3.7	11	3	-	-	5.77	-	8	-
	21-end	37.2	-	9	8	14.0	-	+7.2	24	0	92	32	+3.0	24	0	-	-	2.79	-	4	-
	Month	135.8	-	23	20	10.5	-	-0.6	01	1	195	53	-6.9	01	7	-	-	3.98	-	7	-
Johnstown Castle Co. Wexford	1-10	64.5	-	8	6	9.0	-	+1.5	02	0	48	06	-4.0	02	3	-	-	4.58	-	9	-
	11-20	34.2	-	6	5	9.9	-	+2.4	11	0	56	12	-2.5	12	1	-	-	5.96	-	8	-
	21-end	21.6	-	9	5		-									-	-	2.83	-	6	-
	Month	120.3	165	23	16		-	NA			NA		NA			-	-	4.40	-	8	-
Rosslare Co. Wexford	1-10	51.6	-	7	7	9.4	-	+2.0	01	0	50	07	-2.2	02	2	10.4	-	5.29	-	13	4
	11-20	28.0	-	6	5	10.0	-	+4.3	11	0	57	09	+0.3	15	0	12.0	-	6.29	-	13	6
	21-end	22.1	-	9	5	12.6	-	+8.7	31	0	90	29	+7.6	21	0	14.3	-	3.76	-	8	0
	Month	101.7	164	22	17	10.7	-0.5	+2.0	01	0	197	45	-2.2	02	2	12.3	-1.2	5.07	68	11	10

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

TABLE 2.

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

MAY 1973

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	-	18	0	19	25
	11-20	-	29	7	26	0
	21-end	-	15	0	23	3
	Month	-	62	-	-	-
Kinsealy Co. Dublin	1-10		20	0	46	23
	11-20		40	13	59	0
	21-end	NA	24	0	59	0
	Month		84	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	13910	13	0	4	27
	11-20	13740	14	0	0	16
	21-end	18016	15	0	0	9
	Month	45666	42	-	-	-
Kilkenny e Co. Kilkenny	1-10	13931	-	-	-	-
	11-20	18655	-	-	-	-
	21-end	15947	-	-	-	-
	Month	48533	-	-	-	-
Ballinamore Co. Leitrim	1-10	12286	20	0	1	27
	11-20	18583	23	8	9	0
	21-end	12252	16	0	0	21
	Month	43121	59	-	-	-
Glenamoy Co. Mayo	1-10	12170	12	0	0	32
	11-20	17081	21	0	0	12
	21-end	14017	15	0	0	35
	Month	43268	48	-	-	-
Birr e Co. Offaly	1-10	13015	-	-	-	-
	11-20	16965	-	-	-	-
	21-end	16003	-	-	-	-
	Month	45983	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	18	0	0	47
	11-20	-	25	0	0	9
	21-end	-	14	0	0	8
	Month	-	57	-	-	-

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