



AGROMETEOROLOGICAL BULLETIN

MAY 1976

The Weather during May

The track of the Atlantic low-pressure systems was closer to Ireland than is usual. The rainbelts associated with these depressions crossed Ireland with ease and regularity and winds between south and northwest were predominant. Only two or three pairs of consecutive dry days occurred. The highest daily rainfall was over half an inch (12.7 mm) in most areas. On 17th several stations recorded about one and a half inches of rain.

Monthly Rainfall was above normal except in a small area near Dublin which had just over 80% of normal. Generally amounts ranged from 105% to 185% of normal. At Malin Head and at Mullingar nearly twice the normal rainfall was recorded. Hail showers or thunderstorms fell on 12th, 15th, 18th and 20th. Significant spells of weather favourable to the spread of potato-blight occurred only near south-facing coasts. The monthly totals in these areas ranged from 35 to 80 hours of blight weather. The bulk of this accumulation occurred in two spells between 21st and 31st.

Sunshine was well below normal. Amounts ranged from 55% to 80% of normal. At Cahirciveen it was the dullest May since records began in 1892.

Mean Monthly Air Temperatures were mostly 0.2°C to 0.8°C below normal. In a few places they were normal or slightly above. Only the period 22nd to 24th was warm. The highest air temperature of the month (19.6°C) was recorded at Ballinamore on 23rd. On 6th and 7th and again on 30th and 31st maximum temperatures were above normal. On all but these seven days maximum temperatures were normal or below. Ground frosts were slight except on 10th and 13th. On both these days slight air frost was recorded in places. Since it was a dull month, 4" soil temperatures were below normal. The departure was as much as 1°C in some areas.

Winds were strong, with gusts from 35 to 50 knots on about seven days during the month. Three successive blustery days occurred from 14th to 16th.

Summary. May was dull and cool. Rainfall was above normal, due mainly to a wet spell from 15th to 19th.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 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	hr	%	Kt					
Carlow (Oak Park) Co. Carlow	1-10	16.1	-	8	5	10.2	-	3.2	10	0	63	10	-3.0	10	2	-	-	4.91	-	5	-
	11-20	35.8	-	9	8	10.2	-	1.8	13	0	58	7	-3.5	13	1	-	-	3.33	-	10	-
	21-end	15.4	-	7	3	12.0	-	4.0	25	0	84	22	-1.5	25	2	-	-	4.25	-	6	-
	Month	67.3	-	24	16	10.8	-	1.8	13	0	205	39	-3.5	13	5	-	-	4.17	-	7	-
Shannon Airport Co. Clare	1-10	14.6	-	6	4	10.9	-	4.6	10	0	65	10	-1.3	10	1	12.4	-	3.77	-	9	1
	11-20	29.1	-	9	8	10.4	-	3.6	13	0	61	7	-3.0	13	1	12.2	-	4.86	-	13	3
	21-end	21.9	-	9	5	12.6	-	7.1	25	0	90	29	4.1	25	0	13.3	-	3.12	-	11	0
	Month	65.6	105	24	17	11.3	-0.2	3.6	13	0	216	46	-3.0	13	2	12.6	-0.5	3.89	61	11	4
Fermoy (Moore Park) Co. Cork	1-10	6.0	-	6	3	10.0	-	-1.5	10	1	56	8	-5.0	10	5	-	-	4.79	-	5	-
	11-20	66.2	-	10	8	9.7	-	0.0	13	0	54	4	-4.0	13	1	-	-	4.64	-	8	-
	21-end	14.7	-	7	7	11.4	-	1.5	25	0	78	19	-1.5	25	2	-	-	3.73	-	6	-
	Month	86.9	-	23	18	10.4	-	-1.5	10	1	188	31	-5.0	10	8	-	-	4.36	-	6	-
Mallow Co. Cork	1-10	19.4	-	6	3	10.7	-	0.3	10	0	62	10	-4.8	10	4	-	-	4.46	-	-	-
	11-20	61.4	-	10	8	9.8	-	0.8	13	0	55	4	-4.2	13	2	-	-	4.27	-	-	-
	21-end	12.5	-	9	4	12.1	-	3.5	25	0	85	25	-1.6	25	2	-	-	3.41	-	-	-
	Month	93.3	130	25	15	10.9	-	0.3	10	0	202	39	-4.8	10	8	-	-	4.03	-	-	-
Roche's Point Co. Cork	1-10	16.2	-	5	5	10.6	-	4.7	10	0	63	10	1.0	10	0	12.1	-	5.48	-	11	2
	11-20	74.5	-	7	7	10.1	-	5.0	13	0	57	3	2.1	13	0	12.1	-	5.80	-	17	7
	21-end	19.8	-	6	5	11.3	-	7.0	21	0	76	15	2.9	27	0	12.9	-	4.06	-	12	0
	Month	110.5	171	18	17	10.7	-0.6	4.7	10	0	196	28	1.0	10	0	12.4	-0.6	5.08	76	13	9
Glencolumbkille Co. Donegal	1-10	26.0	-	7	5	10.3	-	5.1	06	0	60	8				-	-	6.69	-		
	11-20	70.2	-	10	10	9.5	-	4.1	19	0	52	2				-	-	4.12	-	NA	
	21-end	45.1	-	9	4	11.9	-	7.5	21	0	82	21				-	-	2.44	-		
	Month	141.3	-	26	19	10.6	-	4.1	19	0	194	31				-	-	4.35	-		
Glenties Co. Donegal	1-10	28.6	-	7	6	9.4	-	-0.5	05	1	50	5	-5.5	05	5	-	-	4.76	-	-	-
	11-20	64.7	-	10	10	8.9	-	1.3	19	0	45	1	-4.8	19	4	-	-	3.26	-	-	-
	21-end	NA	-	NA		11.6	-	5.5	26	0	79	20	-2.1	21	2	-	-	1.99	-	-	-
	Month	-	-	-		10.0	-	-0.5	05	1	174	26	-5.5	05	11	-	-	3.29	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 1976

STATION	PERIOD	RAINFALL				TEMPERATURE											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	16.3	-	6	5	9.8	-	4.3	10	0	54	4	1.2	10	0	12.1	-	6.65	-	13	3
	11-20	66.8	-	10	8	9.3	-	4.4	18	0	49	2	1.0	18	0	11.1	-	4.30	-	13	7
	21-end	34.1	-	8	8	11.6	-	6.3	25	0	79	18	2.9	25	0	12.5	-	1.86	-	12	3
	Month	117.2	202	24	21	10.3	+0.1	4.3	10	0	182	24	1.0	18	0	11.9	-	4.19	63	13	13
Dublin Airport Co. Dublin	1-10	14.5	-	5	5	10.3	-	5.1	10	0	59	6	2.1	07	0	12.0	-	5.39	-	8	1
	11-20	25.3	-	9	8	9.9	-	1.9	13	0	56	5	0.9	13	0	12.3	-	4.18	-	12	3
	21-end	7.8	-	7	3	12.1	-	5.2	21	0	85	24	2.7	21	0	13.9	-	3.41	-	8	0
	Month	47.6	82	21	16	10.8	+0.2	1.9	13	0	200	35	0.9	13	0	12.8	0.0	4.30	67	9	4
Kinsealy Co. Dublin	1-10	16.2	-	7	5	9.8	-	4.2	10	0	54	3	1.0	07	0	-	-	5.60	-	7	-
	11-20	30.2	-	9	9	10.3	-	1.7	13	0	59	8	-0.8	13	3	-	-	4.31	-	9	-
	21-end	9.3	-	5	3	12.5	-	5.4	26	0	90	28	1.5	25	0	-	-	3.28	-	7	-
	Month	55.7	-	21	17	10.9	-	1.7	13	0	203	39	-0.8	13	3	-	-	4.36	-	8	-
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	27.6	-	7	4	10.0	-	3.9	10	0	56	5	1.4	10	0	-	-	4.82	-	6	-
	11-20	31.0	-	9	9	9.7	-	1.3	13	0	53	4	-1.0	19	2	-	-	4.40	-	9	-
	21-end	11.0	-	5	5	11.9	-	4.8	21	0	82	22	1.4	21	0	-	-	3.52	-	5	-
	Month	69.6	-	21	18	10.6	-	1.3	13	0	191	31	-1.0	19	2	-	-	4.22	-	7	-
Galway (Univ. Coll.) Co. Galway	1-10	13.1	-	7	5	10.7	-	5.6	10	0	64	10	-3.0	10	2	-	-	5.72	-	-	-
	11-20	43.5	-	9	8	9.9	-	4.0	13	0	56	4	-5.0	13	2	-	-	5.54	-	NA	-
	21-end	26.3	-	8	6	12.3	-	7.0	21	0	86	25	NA	NA	NA	-	-	2.89	-	-	-
	Month	82.9	-	24	19	11.0	-	4.0	13	0	206	39	-	-	-	-	-	4.66	-	-	-
Killarney (Muckross Hse) Co. Kerry	1-10	21.1	-	8	5	10.3	-	3.2	10	0	59	7	-1.0	04	3	-	-	3.91	-	-	-
	11-20	72.7	-	10	8	9.9	-	3.5	13	0	55	3	0.4	13	0	-	-	4.03	-	-	-
	21-end	21.7	-	9	6	12.2	-	7.0	29	0	86	24	3.0	29	0	-	-	3.36	-	-	-
	Month	115.5	-	27	19	10.8	-	3.2	10	0	200	34	-1.0	04	3	-	-	3.77	-	-	-
Cahiriveen (Valentia Obay.) Co. Kerry	1-10	25.1	-	8	6	10.2	-	4.0	08	0	58	4	1.9	08	0	11.8	-	3.75	-	9	1
	11-20	55.1	-	10	7	9.9	-	3.0	13	0	56	4	0.5	13	0	11.5	-	4.62	-	13	3
	21-end	42.2	-	9	7	12.1	-	6.2	29	0	85	23	4.3	29	0	13.3	-	3.26	-	13	1
	Month	125.6	147	27	20	10.7	-0.8	3.0	13	0	199	31	0.5	13	0	12.2	-1.1	3.86	59	12	5

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 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	°C	°C	°C	°C	°C	Hr	%	Kt					
Tralee (Caherweesheen) Co. Kerry	1-10	26.5	-	8	7	10.1	-	2.4	08	0	57	7	-2.4	10	2	-	-	3.10	-	-	-
	11-20	44.7	-	7	7	10.2	-	1.3	13	0	58	6	-2.6	13	1	-	-	4.51	-	-	-
	21-end	29.4	-	7	5	12.5	-	5.5	21	0	90	28	2.9	21	0	-	-	3.91	-	-	-
	Month	100.6	-	22	19	11.0	-	1.3	13	0	205	41	-2.6	13	3	-	-	3.84	-	-	-
Lullymore Co. Kildare	1-10	17.8	-	6	5	9.5	-	0.4	10	0	51	4	-6.8	10	3	-	-	4.68	-	9	-
	11-20	53.0	-	9	8	9.3	-	-1.0	13	1	50	4	-5.0	13	3	-	-	4.19	-	11	-
	21-end	24.6	-	8	7	11.5	-	3.5	21	0	79	20	-0.2	26	1	-	-	3.15	-	9	-
	Month	95.4	-	23	20	10.2	-	-1.0	13	1	180	28	-6.8	10	7	-	-	3.98	-	10	-
Kilkenny Co. Kilkenny	1-10	22.3	-	8	4	10.3	-	1.5	10	0	59	8	-3.9	10	3	12.3	-	4.83	-	5	1
	11-20	42.6	-	9	8	9.7	-	0.7	13	0	54	4	-3.1	13	1	11.9	-	4.54	-	8	5
	21-end	12.9	-	7	3	11.5	-	1.7	25	0	80	21	-1.9	25	1	13.4	-	2.84	-	5	0
	Month	77.8	124	24	15	10.5	-0.6	0.7	13	0	193	33	-3.9	10	5	12.6	-0.5	4.03	62	6	6
Mooncoin (Silverspring) Co. Kilkenny	1-10	13.6	-	7	5	10.4	-	2.5	10	0	60	7	-2.3	10	3	-	-	4.83	-	-	-
	11-20	36.4	-	8	6	10.0	-	1.4	13	0	56	6	-3.7	13	2	-	-	4.76	-	-	-
	21-end	20.1	-	6	5	11.2	-	2.0	25	0	75	18	-1.9	25	2	-	-	2.85	-	-	-
	Month	70.1	-	21	16	10.6	-	1.4	13	0	191	31	-3.7	13	7	-	-	4.10	-	-	-
Ballinamore Co. Leitrim	1-10	18.2	-	7	7	9.7	-	0.0	10	0	53	4	-4.9	10	5	-	-	5.32	-	6	-
	11-20	56.0	-	10	9	9.3	-	2.0	13	0	50	2	-2.4	13	2	-	-	3.85	-	8	-
	21-end	39.3	-	9	7	11.2	-	3.1	21	0	75	18	-0.2	21	1	-	-	1.94	-	6	-
	Month	113.5	-	26	23	10.1	-	0.0	10	0	178	24	-4.9	10	8	-	-	3.65	-	7	-
Ardee (Boharnamoe) Co. Louth	1-10	12.6	-	5	4	9.7	-	1.6	10	0	54	4	0.9	10	0	-	-	-	-	-	-
	11-20	42.6	-	10	9	9.9	-	0.4	13	0	56	6	NA	NA	NA	-	-	-	-	-	-
	21-end	19.1	-	8	6	11.5	-	3.1	21	0	78	21	NA	NA	NA	-	-	-	-	-	-
	Month	74.3	-	23	19	10.4	-	0.4	13	0	188	31	-	-	-	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	19.6	-	7	5	9.9	-	2.2	10	0	55	4	-4.1	10	3	-	-	3.99	-	6	-
	11-20	77.6	-	10	10	9.2	-	1.1	13	0	48	3	-4.1	13	4	-	-	4.35	-	7	-
	21-end	32.9	-	9	9	11.8	-	4.3	21	0	81	21	-2.2	21	1	-	-	2.85	-	7	-
	Month	130.1	-	26	24	10.3	-	1.1	13	0	184	28	-4.1	13	8	-	-	3.70	-	7	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 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	Hr	%	Kt						
Belmullet Co. Mayo	1-10	13.2	-	8	4	10.0	-	3.4	05	0	56	4	1.6	05	0	12.4	-	7.42	-	15	1
	11-20	58.9	-	10	8	9.7	-	3.5	13	0	53	3	-0.7	13	1	11.6	-	4.99	-	15	4
	21-end	41.4	-	11	8	12.0	-	7.8	21	0	83	22	6.0	21	0	13.1	-	3.47	-	16	3
	Month	113.5	179	29	20	10.6	-0.4	3.4	05	0	192	29	-0.7	13	1	12.4	-0.2	5.24	77	15	8
Claremorris Co. Mayo	1-10	20.2	-	6	4	9.2	-	1.1	10	0	48	1	-3.4	10	3	11.2	-	5.05	-	7	1
	11-20	49.2	-	10	10	9.2	-	0.8	13	0	48	2	-4.1	13	3	11.1	-	4.03	-	9	2
	21-end	31.9	-	10	7	11.3	-	4.3	21	0	77	16	-0.7	21	1	12.4	-	2.37	-	8	2
	Month	101.3	151	26	21	10.0	-0.5	0.8	13	0	173	19	-4.1	13	7	11.6	-0.4	3.77	62	8	5
Glenamoy Co. Mayo	1-10	25.0	-	8	7	9.5	-	1.8	05	0	51	4	-1.0	05	1	-	-	6.69	-	-	-
	11-20	100.9	-	10	10	9.2	-	1.5	13	0	49	2	-0.8	13	1	-	-	3.66	-	-	-
	21-end	33.0	-	10	9	11.9	-	4.4	21	0	83	22	2.9	21	0	-	-	2.85	-	NA	-
	Month	158.9	-	28	26	10.2	-	1.5	13	0	183	28	-1.0	05	2	-	-	4.35	-	-	-
Dunsany (Grange) Co. Meath	1-10	17.7	-	5	5	9.2	-	1.2	10	0	48	2	-3.0	10	2	-	-	4.59	-	-	-
	11-20	36.6	-	9	8	9.2	-	0.3	13	0	48	2	NA	NA	NA	-	-	4.22	-	NA	-
	21-end	17.2	-	7	6	11.4	-	3.3	26	0	77	20	-2.0	21	3	-	-	3.37	-	NA	-
	Month	71.5	113	21	19	10.0	-	0.3	13	0	173	24	-	-	-	-	-	4.04	-	-	-
Clones Co. Monaghan	1-10	13.2	-	6	5	9.7	-	1.5	10	0	53	4	-2.1	10	1	11.1	-	5.28	-	8	2
	11-20	52.5	-	10	9	9.3	-	2.4	13	0	49	2	-0.5	13	1	10.9	-	3.44	-	11	3
	21-end	37.0	-	9	8	11.2	-	3.6	25	0	75	18	-0.9	25	1	12.1	-	1.69	-	8	1
	Month	102.7	172	25	22	10.1	-0.4	1.5	10	0	177	24	-2.1	10	3	11.4	-1.0	3.41	58	9	6
Birr Co. Offaly	1-10	7.3	-	4	3	10.1	-	0.8	10	0	58	8	-3.8	10	2	12.2	-	3.98	-	5	1
	11-20	48.6	-	9	7	9.5	-	1.1	13	0	51	3	-2.4	13	1	11.7	-	4.07	-	8	4
	21-end	13.1	-	7	7	11.9	-	5.4	26	0	84	23	2.9	26	0	13.2	-	3.32	-	7	0
	Month	69.0	113	20	17	10.6	-0.4	0.8	10	0	193	34	-3.8	10	3	12.4	-0.5	3.77	60	7	5
Thurles Co. Tipperary	1-10	19.1	-	5	4											-	-	3.87	-	-	-
	11-20	73.0	-	9	8											-	-	4.15	-	-	-
	21-end	18.3	-	6	5											-	-	2.95	-	-	-
	Month	110.4	153	20	17											-	-	3.63	-	-	-

See page 10 of bulletin for explanatory notes on the tables.

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE and WIND

MAY 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	Hr	%	Kt							
Dungarvan (Ballygagin) Co. Waterford	1-10 11-20 21-end Month	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		
Mullingar e Co. Westmeath	1-10 11-20 21-end Month	26.1 68.8 23.1 118.0	- - - 191	4 10 9 23	4 8 6 18	9.4 9.1 11.2 10.0	- - - -0.8	-0.1 1.8 2.7 -0.1	10 13 21 10	1 0 0 1	51 47 75 173	4 1 18 23	-3.5 -0.8 -1.4 -3.5	10 18 21 10	2 2 1 5	11.0 10.9 12.4 11.4	- - - -1.0	4.61 4.26 2.96 3.91	- - - 63	9 12 10 10	1 5 1 7
Campile (Ballysop) Co. Wexford	1-10 11-20 21-end Month	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		
Clonroche Co. Wexford	1-10 11-20 21-end Month	16.4 33.6 14.9 64.9	- - - -	7 9 8 24	5 6 5 16	10.1 9.6 10.6 10.1	- - - -	3.1 2.1 2.4 2.1	01 13 21 13	0 0 0 0	57 53 68 178	6 3 12 21	-3.3 -3.6 -1.6 -3.6	01 13 26 13	4 1 3 8	- - - -	- - - -	5.25 5.43 2.98 4.50	- - - -	5 8 5 6	- - - -
Johnstown Castle Co. Wexford	1-10 11-20 21-end Month	29.4 22.3 23.6 75.3	- - - 104	7 8 7 22	6 4 4 14	9.9 9.9 10.9 10.3	- - - -	4.0 2.3 4.5 2.3	04 13 21 13	0 0 0 0	55 56 72 183	6 4 13 23	-4.0 -5.2 -1.1 -5.2	01 13 25 13	4 2 2 8	- - - -	- - - -	5.20 5.56 3.26 4.63	- - - -	6 10 7 8	- - - -
Rosslare e Co. Wexford	1-10 11-20 21-end Month	28.1 17.7 19.6 65.4	- - - 106	8 8 7 23	7 5 6 18	10.3 10.4 11.3 10.7	- - - -0.5	5.3 3.3 5.6 3.3	04 13 25 13	0 0 0 0	59 60 78 197	7 7 18 32	2.6 0.1 2.0 0.1	04 13 25 13	0 0 0 0	11.8 12.6 13.3 12.6	- - - -0.9	5.61 6.52 3.99 5.33	- - - 72	10 14 10 11	2 5 1 8

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

TABLE 2.

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

MAY 1976

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10	Joule/cm ² -	mm 19	mm 2	mm 35	mm -
	11-20	-	25	-	22	13
	21-end	-	21	6	28	-
	Month	-	65	-	-	-
Kinsealy* Co. Dublin	1-10	15287	11	-	34	6
	11-20	15082	22	-	24	10
	21-end	16513	18	8	32	-
	Month	46882	51	-	-	-
Gahirciveen e (Valentia Obsy.) Co. Kerry	1-10	13211	12	-	9	12
	11-20	14982	19	-	0	37
	21-end	16069	16	-	0	29
	Month	44262	47	-	-	-
Kilkenny e Co. Kilkenny	1-10	16380	-	-	-	-
	11-20	16404	-	-	-	-
	21-end	16737	-	-	-	-
	Month	49521	-	-	-	-
Ballinamore Co. Leitrim	1-10	14464				
	11-20	15056				
	21-end	14461				
	Month	43981				
Glenamoy Co. Mayo	1-10	-	15	-	4	10
	11-20	-	18	-	0	83
	21-end	-	18	-	0	15
	Month	-	51	-	-	-
Birr e Co. Offaly	1-10	15068	-	-	-	-
	11-20	15123	-	-	-	-
	21-end	16744	-	-	-	-
	Month	46935	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	22	-	22	8
	11-20	-	26	4	26	-
	21-end	-	21	-	23	3
	Month	-	69	-	-	-

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*Solar Radiation Values from Dublin Airport.