



o/c Rosslare.

AGROMETEOROLOGICAL BULLETIN

MAY 1971

The weather during May

Over most of the country, rainfall during May was below average and was, generally, 50 - 70% of average; at Shannon Airport it was the driest May since 1953, the rainfall being only 39% of average. A few places in the extreme North had above-average rainfall; at Malin Head the monthly total was 179% of average, due mainly to a fall of 32.9 millimetres on the 22nd - 23rd. By the third week of the month, the soil in many areas was extremely dry and in parts of Leinster soil moisture deficits were over 50 millimetres. During the last ten days most places had sufficient rainfall to provide crops with adequate soil moisture but in the drier areas of Leinster, soil moisture levels were still well below field capacity at the end of the month.

The first half of the month was warm with temperatures above normal almost everywhere but there was a marked cooling-off during the last fortnight. Soil temperatures, which had risen to 2°C above average by mid-month, dropped to 1°C below average during the last ten days; at the end of the month the soil at 10 cm depth was 2 - 3°C colder than at that time last year.

There was little air frost during the month; occurrences were mainly confined to the first few days when some inland areas of Leinster and Connaught had sub-zero air temperatures ranging from -0.4°C at Claremorris, Co. Mayo to -1.8°C at Grange, Co. Meath. Ground frost was reported from most inland places at various times during the month; the lowest grass minimum temperature reported was -6.0°C at Ballinamore, Co. Leitrim on the 21st.

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 Annual Summary of Solar Radiation.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 1971

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 6.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%			°C	°C	°C				°C		°C	Hr	%	Kt						
Carlow (Oak Park) Co. Carlow	1-10	10.1	-	5	2	10.6	-	+0.6	1	0	65.4	51.4	-3.0	1	5	-	-	5.95	-	8	-
	11-20	1.8	-	2	1	10.9	-	+2.0	15	0	66.2	51.8	-2.6	15	5	-	-	6.23	-	4	-
	21-end	18.4	-	8	5	10.3	-	+2.4	26	0	67.4	51.6	-1.8	26	3	-	-	3.40	-	5	-
	Month	30.3	-	15	8	10.6	-	+0.6	1	0	199.0	154.8	-3.0	1	13	-	-	5.14	-	6	-
Shannon Airport Co. Clare	1-10	1.7	-	2	1	12.3	-	+3.0	1	0	79.2	63.9	+0.2	1	0	12.9	-	6.23	-	12	0
	11-20	2.4	-	4	1	11.4	-	+4.0	17	0	70.1	55.2	+0.7	17	0	14.8	-	6.31	-	8	0
	21-end	20.2	-	8	5	11.5	-	+4.7	23	0	78.3	61.4	+1.2	28	0	14.1	-	5.44	-	9	0
	Month	24.3	39	14	7	11.7	+0.2	+3.0	1	0	227.6	180.5	+0.2	1	0	14.0	+0.9	5.97	93	9	0
Fermoy (Moore Park) Co. Cork	1-10	NA	-	-	-	NA	-	-	-	-	NA	NA	NA	NA	NA	-	-	NA	-	-	-
	11-20	NA	-	-	-	NA	-	-	-	-	NA	NA	NA	NA	NA	-	-	NA	-	-	-
	21-end	NA	-	-	-	NA	-	-	-	-	NA	NA	NA	NA	NA	-	-	NA	-	-	-
	Month	NA	-	-	-	NA	-	-	-	-	NA	NA	NA	NA	NA	-	-	NA	-	-	-
Mallow Co. Cork	1-10	11.4	-	5	5	11.4	-	+1.5	2	0	70.2	55.3	-2.3	2	2	-	-	4.09	-	-	-
	11-20	1.1	-	2	0	10.8	-	+1.9	18	0	66.6	52.6	-3.6	19	5	-	-	5.19	-	-	-
	21-end	23.5	-	8	5	10.6	-	+0.9	23	0	69.9	54.0	-4.3	23	5	-	-	3.80	-	-	-
	Month	36.0	50	15	10	10.9	-	+0.9	23	0	206.7	161.9	-4.3	23	12	-	-	4.34	-	-	-
Roche's Point Co. Cork	1-10	11.9	-	5	4	10.6	-	+5.4	2	0	61.9	46.0	-1.4	2	1	11.6	-	4.80	-	13	1
	11-20	5.3	-	3	2	11.3	-	+5.6	16	0	69.7	53.9	+1.2	16	0	13.6	-	7.39	-	11	2
	21-end	20.0	-	7	5	10.7	-	+5.2	23	0	70.5	53.1	+1.1	31	0	13.0	-	6.05	-	10	2
	Month	37.2	58	15	11	10.9	-0.4	+5.2	23	0	202.1	153.0	-1.4	2	1	12.7	-0.3	6.08	91	11	5
Glencolumbkille Co. Donegal	1-10	13.4	-	6	4	12.2	-	+4.8	1	0	78.5	62.8	-0.6	1	1	-	-	6.68	-	9	-
	11-20	11.4	-	7	4	10.6	-	+5.0	19	0	63.5	47.8	+0.7	19	0	-	-	5.93	-	8	-
	21-end	53.3	-	10	8	10.4	-	+4.3	21	0	67.7	50.8	-0.8	21	1	-	-	4.67	-	7	-
	Month	78.1	-	23	16	11.0	-	+4.3	21	0	209.7	161.4	-0.8	21	2	-	-	5.73	-	8	-
Glenties Co. Donegal	1-10	13.4	-	4	4	11.8	-	+2.5	1	0	76.4	61.9	-3.5	1	4	-	-	6.71	-	-	-
	11-20	29.3	-	7	4	9.8	-	+1.8	12	0	56.3	42.1	-3.0	12	3	-	-	5.61	-	-	-
	21-end	40.7	-	8	8	9.9	-	0.0	21	1	64.7	48.9	-2.5	29	4	-	-	4.20	-	-	-
	Month	83.4	99	19	16	10.5	-	0.0	21	1	197.4	152.9	-3.5	1	11	-	-	5.46	-	-	-
Malin Head Co. Donegal	1-10	2.5	-	2	1	11.3	-	+6.1	4	0	74.4	58.4	+1.2	4	0	12.3	-	6.63	-	14	4
	11-20	28.7	-	6	5	10.1	-	+5.4	12	0	57.0	41.3	+3.4	13	0	12.4	-	6.59	-	14	3
	21-end	63.3	-	9	8	10.0	-	+4.0	29	0	61.4	45.7	+1.6	29	0	11.9	-	5.13	-	12	1
	Month	94.5	79	17	14	10.6	+0.4	+4.0	29	0	192.8	145.4	+1.2	4	0	12.2	-	6.08	91	13	8
Dublin Airport Co. Dublin	1-10	5.6	-	4	3	11.1	-	+3.3	1	0	67.0	51.9	-2.1	2	5	12.6	-	7.87	-	8	0
	11-20	7.1	-	4	1	10.4	-	+3.0	17	0	60.4	45.8	+1.7	17	0	13.5	-	5.88	-	7	0
	21-end	21.3	-	7	5	10.5	-	+3.4	27	0	67.4	50.8	+0.7	21	0	13.1	-	4.81	-	7	0
	Month	34.0	58	15	9	10.7	+0.1	+3.0	17	0	194.8	148.5	-2.1	2	5	13.1	+0.3	6.14	95	7	0
Kinsealy Co. Dublin	1-10	5.0	-	4	3	10.1	-	+0.6	1	0	60.1	46.3	-5.4	1	5	-	-	8.19	-	NA	-
	11-20	8.0	-	4	2	10.1	-	+2.9	17	0	59.0	44.9	-2.6	19	2	-	-	5.95	-	NA	-
	21-end	15.9	-	6	2	10.4	-	+2.9	29	0	68.5	52.7	-3.9	21	3	-	-	4.80	-	NA	-
	Month	28.9	-	14	7	10.2	-	+0.5	1	0	187.6	143.5	-5.4	1	10	-	-	6.26	-	NA	-
Galway (Univ. Coll.) Co. Galway	1-10	7.6	-	5	4	11.8	-	+2.5	1	0	76.4	60.8	NA	NA	-	-	-	5.96	-	NA	-
	11-20	6.5	-	5	2	10.7	-	+4.3	19	0	64.1	48.5	NA	NA	-	-	-	5.61	-	NA	-
	21-end	23.9	-	7	5	10.8	-	+5.3	21	0	72.1	54.8	NA	NA	-	-	-	4.75	-	NA	-
	Month	38.0	-	17	11	11.1	-	+2.5	1	0	212.6	164.1	NA	NA	-	-	-	5.42	-	NA	-
Killarney (Muckross Hse.) Co. Kerry	1-10	23.4	-	5	5	11.8	-	+3.2	2	0	75.4	59.8	-3.0	3	3	-	-	4.83	-	-	-
	11-20	10.6	-	4	3	10.9	-	+2.5	19	0	65.9	50.6	-1.6	19	2	-	-	4.97	-	-	-
	21-end	33.6	-	8	6	10.7	-	+2.6	23	0	71.5	54.3	-3.2	23	1	-	-	4.47	-	-	-
	Month	67.6	-	17	14	11.1	-	+2.5	19	0	212.8	164.7	-3.2	23	6	-	-	4.75	-	-	-
Cahirivreen (Valentia Obsy.) Co. Kerry	1-10	22.5	-	7	6	11.4	-	+2.4	1	0	71.4	56.2	+0.3	1	0	12.2	-	4.79	-	13	3
	11-20	8.7	-	4	1	10.7	-	+3.1	19	0	63.5	48.3	+0.1	19	0	13.4	-	6.25	-	8	0
	21-end	30.3	-	8	6	10.9	-	+5.1	23	0	72.1	54.8	+2.2	23	0	13.6	-	5.96	-	9	0
	Month	61.5	72	19	13	11.0	-0.5	+2.4	1	0	207.0	159.3	+0.1	19	0	13.1	-0.2	5.68	87	10	3
Tralee (Caherweesheen) Co. Kerry	1-10	5.1	-	3	1	12.2	-	+2.4	2	0	78.1	63.1	-2.3	2	1	-	-	5.95	-	-	-
	11-20	6.7	-	3	1	11.0	-	+1.5	19	0	66.3	52.6	-3.6	19	4	-	-	6.38	-	-	-
	21-end	40.6	-	7	5	11.5	-	+1.2	23	0	78.5	61.3	-3.4	23	1	-	-	5.27	-	-	-
	Month	52.4	-	13	7	11.6	-	+1.2	23	0	222.9	177.0	-3.6	19	6	-	-	5.85	-	-	-
Lullymore Co. Kildare	1-10	16.0	-	4	3	10.2	-	-1.6	1	1	63.3	49.3	-5.1	2	5	-	-	6.85	-	9	-
	11-20	5.2	-	4	2	9.4	-	-0.2	19	1	55.5	42.1	-5.0	19	5	-	-	5.93	-	7	-
	21-end	23.6	-	8	6	9.3	-	+0.3	21	0	57.6	42.4	-2.8	26	5	-	-	6.30	-	8	-
	Month	44.8	-	16	11	9.6	-	-1.6	1	2	176.4	133.8	-5.1	2	15	-	-	5.28	-	8	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

MAY 1971

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 6.0°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					
Kilkenny e Co. Kilkenny	1-10	14.3	-	4	3	10.4	-	-1.3	3	1	64.3	50.0	-4.3	3	5	12.5	-	5.82	-	7	0
	11-20	4.5	-	2	2	10.8	-	+2.0	19	0	66.0	51.9	-2.0	17	5	14.9	-	6.12	-	4	0
	21-end	21.7	-	7	4	9.9	-	+1.7	27	0	63.1	47.7	-3.6	27	3	13.5	-	3.41	-	4	0
	Month	40.5	65	13	9	10.4	-0.7	-1.3	3	1	193.4	149.6	-4.3	3	13	13.6	+0.5	5.06	78	5	0
Mooncoin (Silverspring) Co. Kilkenny	1-10	21.0	-	5	5	10.3	-	+0.3	3	0	60.9	46.8	-2.5	4	5	-	-	5.35	-	-	-
	11-20	3.7	-	3	1	11.3	-	+2.5	16	0	70.6	56.4	-3.7	16	5	-	-	6.88	-	-	-
	21-end	29.1	-	8	7	10.5	-	+1.4	26	0	68.6	52.9	-2.4	26	4	-	-	4.77	-	-	-
	Month	53.8	-	16	13	10.7	-	+0.3	3	0	200.1	156.1	-3.7	16	14	-	-	5.64	-	-	-
Ballinamore Co. Leitrim	1-10	7.6	-	4	1	10.6	-	+0.8	2	0	64.9	50.9	-3.1	2	5	-	-	5.86	-	7	-
	11-20	21.1	-	4	3	9.8	-	+0.9	12	0	55.1	40.9	-3.3	19	5	-	-	5.52	-	6	-
	21-end	26.2	-	8	6	9.7	-	-0.6	21	1	60.1	44.7	-6.0	21	4	-	-	3.10	-	6	-
	Month	54.9	-	16	10	10.0	-	-0.6	21	1	180.1	136.5	-6.0	21	14	-	-	4.77	-	6	-
Ardee (Boharnamoe) Co. Louth	1-10	3.8	-	3	2	10.7	-	-1.3	1	2	67.0	52.8	-2.2	2	2	-	-	-	-	-	-
	11-20	7.8	-	7	3	9.5	-	+1.5	19	0	53.2	39.7	-1.3	19	3	-	-	-	-	-	-
	21-end	28.3	-	7	5	9.7	-	+1.2	29	0	62.0	45.7	-2.2	29	1	-	-	-	-	-	-
	Month	39.9	-	17	10	10.0	-	-1.3	1	2	182.2	138.2	-2.2	2	6	-	-	-	-	-	-
Bailinrobe (Creagh) Co. Mayo	1-10	13.2	-	5	5	11.0	-	+1.0	1	0	69.3	54.9	-4.0	1	4	-	-	6.21	-	8	-
	11-20	6.2	-	5	2	9.5	-	+1.2	19	0	57.0	42.4	-2.3	12	3	-	-	5.58	-	6	-
	21-end	27.0	-	7	6	10.8	-	+2.8	23	0	72.1	55.6	-1.1	29	2	-	-	4.90	-	5	-
	Month	46.4	-	17	13	10.3	-	+1.0	1	0	198.4	152.9	-4.0	1	9	-	-	5.54	-	6	-
Belmullet e Co. Mayo	1-10	9.0	-	4	4	11.5	-	+2.5	1	0	72.1	56.5	+0.1	1	0	12.2	-	5.48	-	15	2
	11-20	10.9	-	4	2	10.6	-	+4.0	12	0	62.1	50.4	-0.5	19	1	13.1	-	6.86	-	10	1
	21-end	23.2	-	7	6	10.0	-	+4.7	21	0	61.6	45.5	+0.4	21	0	12.7	-	5.60	-	11	0
	Month	43.1	68	15	12	10.7	-0.3	+2.5	1	0	195.8	152.4	-0.5	19	1	12.7	+0.1	5.97	88	12	3
Claremorris e Co. Mayo	1-10	10.8	-	4	3	10.8	-	-0.4	1	1	66.0	51.6	-2.4	1	2	11.6	-	6.23	-	10	1
	11-20	13.0	-	6	4	9.4	-	+0.6	12	0	52.2	38.4	-2.9	19	4	12.1	-	5.10	-	6	2
	21-end	28.3	-	7	6	9.6	-	+0.6	23	0	61.0	45.5	-2.1	21	5	12.1	-	4.04	-	6	0
	Month	52.1	78	17	13	9.9	-0.6	-0.4	1	1	179.2	135.5	-2.9	19	11	11.9	-0.1	5.09	84	7	3
Glenamoy Co. Mayo	1-10	4.9	-	4	3	11.6	-	+1.8	1	0	74.0	59.4	-1.0	1	2	-	-	5.32	-	12	-
	11-20	12.0	-	5	3	10.3	-	+2.4	12	0	59.7	44.8	-0.1	12	1	-	-	6.15	-	10	-
	21-end	33.3	-	8	6	9.7	-	+2.0	23	0	60.6	44.6	0.0	23	1	-	-	5.12	-	9	-
	Month	50.2	-	17	12	10.5	-	+1.8	1	0	194.3	148.8	-1.0	1	4	-	-	5.52	-	10	-
Dunsany (Grange) Co. Meath	1-10	6.1	-	3	3	10.3	-	-1.8	1	1	62.8	49.1	-5.0	1	4	-	-	7.03	-	NA	-
	11-20	7.2	-	3	2	9.3	-	+0.8	19	0	53.2	39.5	-3.0	19	5	-	-	5.70	-	NA	-
	21-end	21.4	-	7	6	9.4	-	+2.0	27	0	59.0	43.7	-2.0	29	4	-	-	4.09	-	NA	-
	Month	34.7	-	13	11	9.6	-1.1	-1.8	1	1	175.0	132.3	-5.0	1	13	-	-	5.56	-	NA	-
Clones e Co. Monaghan	1-10	7.2	-	3	2	11.2	-	+2.8	1	0	68.6	54.1	-2.3	1	2	11.8	-	6.38	-	9	0
	11-20	11.6	-	4	4	9.7	-	+2.1	12	0	54.4	40.2	-1.4	12	3	12.4	-	5.53	-	6	1
	21-end	21.8	-	8	7	10.2	-	+1.8	21	0	63.5	47.6	-2.6	21	2	11.9	-	2.84	-	6	0
	Month	40.6	68	15	13	10.3	-0.2	+1.8	21	0	186.5	141.9	-2.6	21	7	12.0	-0.4	4.85	83	7	1
Birr e Co. Offaly	1-10	10.6	-	2	2	11.2	-	+0.8	1	0	69.4	54.6	-3.1	1	2	12.5	-	6.59	-	8	0
	11-20	10.7	-	4	3	10.6	-	+2.1	19	0	63.5	49.0	-1.7	19	1	13.9	-	5.27	-	4	0
	21-end	38.7	-	8	8	10.0	-	+2.3	23	0	62.7	47.0	-0.4	23	2	12.7	-	3.34	-	4	0
	Month	60.0	98	14	13	10.6	-0.4	+0.8	1	0	195.6	150.6	-3.1	1	5	13.0	-0.1	5.01	79	6	0
Thurles Co. Tipperary	1-10	18.7	-	5	5	10.6	-	+1.5	2	0	65.1	51.1	-1.2	5	4	-	-	5.64	-	-	-
	11-20	6.8	-	4	1	10.3	-	+2.2	16	0	60.9	46.9	-2.1	16	4	-	-	4.76	-	-	-
	21-end	27.3	-	9	5	10.3	-	+1.9	23	0	66.1	50.4	-3.0	24	4	-	-	3.29	-	-	-
	Month	52.8	73	18	11	10.4	-0.6	+1.5	2	0	192.1	148.4	-3.0	24	12	-	-	4.52	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	26.6	-	5	5	10.5	-	+1.5	2	0	63.0	48.1	-2.7	4	3	-	-	5.92	-	6	-
	11-20	3.1	-	1	1	11.3	-	+2.8	16	0	69.4	54.9	-3.1	16	4	-	-	6.90	-	4	-
	21-end	24.0	-	5	4	10.6	-	+2.8	28	0	69.0	53.8	-2.5	28	5	-	-	5.78	-	5	-
	Month	53.7	-	11	10	10.8	-	+1.5	2	0	201.4	156.8	-3.1	16	12	-	-	6.19	-	5	-
Nullingar e Co. Westmeath	1-10	7.6	-	3	1	11.1	-	+0.1	1	0	68.7	54.5	-1.2	1	2	12.3	-	6.26	-	9	0
	11-20	13.0	-	4	3	10.5	-	+2.4	17	0	62.0	48.2	-0.8	17	2	12.9	-	5.79	-	7	1
	21-end	22.0	-	8	6	10.0	-	+1.9	27	0	63.6	48.6	-0.2	27	1	12.3	-	3.79	-	7	0
	Month	42.6	69	15	10	10.5	+0.3	+0.1	1	0	194.3	151.3	-1.2	1	5	12.5	-0.1	5.23	84	8	1
Campile (Ballysop) Co. Wexford	1-10	19.9	-	5	5	10.0	-	2.5	2	0	58.1	43.9	-1.4	2	2	-	-	4.99	-	NA	-
	11-20	7.4	-	3	2	11.5	-	1.1	16	0	76.5	60.5	-3.2	17	2	-	-	7.13	-	NA	-
	21-end	29.2	-	9	8	10.1	-	3.1	27	0	65.3	49.7	-1.6	27	4	-	-	5.45	-	NA	-
	Month	56.5	-	17	15	10.5	-	1.1	16	0	199.9	154.1	-3.2	17	8	-	-	5.84	-	NA	-

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

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 6.0°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						
Clonroche Co. Wexford	1-10	20.3	-	5	5	10.0	-	+1.0	2	0	58.6	44.2	-1.6	2	4	-	-	6.04	-	6	-
	11-20	7.1	-	3	2	10.7	-	+2.6	18	0	66.3	51.9	-2.7	19	5	-	-	6.67	-	5	-
	21-end	34.4	-	9	8	10.1	-	+2.9	28	0	64.9	49.2	-2.6	21	7	-	-	5.23	-	4	-
	Month	61.8	-	17	15	10.2	-	+1.0	2	0	189.8	145.3	-2.7	19	16	-	-	5.95	-	5	-
Johnstown Castle Co. Wexford	1-10	15.4	-	5	3	9.9	-	+2.4	3	0	57.0	42.4	-5.1	4	5	-	-	6.22	-	8	-
	11-20	9.8	-	3	2	10.7	-	+3.4	16	0	64.5	49.3	-2.9	16	5	-	-	7.29	-	5	-
	21-end	21.6	-	8	3	10.1	-	+3.2	28	0	64.6	48.1	-5.7	27	7	-	-	5.67	-	6	-
	Month	46.8	64	16	8	10.1	-	+2.4	3	0	186.1	139.8	-5.7	27	17	-	-	6.37	-	6	-
Rosslare e Co. Wexford	1-10	11.0	-	5	3	10.5	-	+5.4	2	0	60.8	45.1	-1.4	2	1	12.4	-	7.33	-	10	0
	11-20	8.5	-	4	2	10.5	-	+3.2	16	0	61.2	46.2	+0.5	16	0	13.7	-	7.24	-	9	0
	21-end	13.0	-	7	4	10.6	-	+4.5	28	0	68.3	51.3	+1.0	28	0	13.9	-	6.68	-	9	0
	Month	32.5	50	16	9	10.5	-0.7	+3.2	16	0	190.3	142.6	-1.4	2	1	13.3	-0.2	7.07	80	9	0

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

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	8	18	0
	11-20	-	20	18	36	0
	21-end	-	13	0	30	6
	Month	-	51	-	-	-
Kinsealy Co. Dublin	1-10	18642	34	29	39	0
	11-20	17645	26	15	54	0
	21-end	18312	30	6	60	0
	Month	54599	90	-	-	-
Cahirciveen e (Valentia Obey.) Co. Kerry	1-10	14445	10	-	-	13
	11-20	17319	16	6	6	-
	21-end	20893	23	-	-	10
	Month	52657	49	-	-	-
Kilkenny e Co. Kilkenny	1-10	16964	-	-	-	-
	11-20	19152	-	-	-	-
	21-end	17927	-	-	-	-
	Month	54043	-	-	-	-
Ballinamore Co. Leitrim	1-10	14983	22	15	15	0
	11-20	17761	18	0	12	3
	21-end	14782	10	0	-	17
	Month	47526	50	-	-	-
Glenamoy Co. Mayo	1-10	15505	25	20	21	0
	11-20	16523	32	20	41	0
	21-end	17592	25	0	29	12
	Month	49620	82	-	-	-
Eirr e Co. Galway	1-10	17574	-	-	-	-
	11-20	17476	-	-	-	-
	21-end	16239	-	-	-	-
	Month	51289	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	19	4	10	0
	11-20	-	19	9	19	0
	21-end	-	20	0	17	2
	Month	-	58	-	-	-

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