



AGROMETEOROLOGICAL BULLETIN

OCTOBER 1972

The weather during October

October was mild and comparatively dry and conditions were generally suitable for the harvesting of root crops and late grain crops. Grass growth during most of the month was poor due to lack of soil moisture, especially in the second and third weeks, but pastures improved during the last week when rain fell in all areas.

Over the month, mean air temperature was above normal everywhere; deviations from normal ranged from +0.1°C near the south coast to +1.2 in the Dublin area. The early part of the month was particularly mild and mean air temperatures over the first ten days were 2 - 3°C above the October normal in many places. Lowest air temperatures were recorded on the night of 20th/21st when air frost occurred in many districts; on that night ground temperature dropped to -7.0°C in some inland areas and to -11.7°C at the Peat Research Station in Lullymore, Co. Kildare.

Totals of degree-days above 10°C during October this year were close to the average over the ten years 1962 - 1971 except in some southern areas where they were 10 - 15 degree-days (°C) below average. Over the maize-growing season, May-October, degree-day totals (above 10°C) ranged from 370 (°C) in the extreme north to 580 (°C) in parts of Munster; the corresponding average values over the ten previous seasons were 507 (°C) and 720 (°C).

Monthly totals of rainfall were below normal everywhere except in parts of South Leinster where they were just about normal for October; over most of the country they were less than 70% of normal. There was little or no rain anywhere during the period 11th - 22nd and soil moisture deficits were estimated to be about 100 mm in parts of North Leinster by the 20th. This lack of soil moisture resulted in very poor growth, pastures were badly affected and directly-sown grass seeds were slow to germinate. A change in weather type on the 23rd brought rain to all areas and during the following week substantial falls in most places brought about a marked improvement in soil moisture conditions and by the end of the month most pastures were providing a late-season "bite".

The four-month period, July-October, was unusually dry this year and most parts of the country had less than 60% of the normal rainfall for that period. At the Phoenix Park, Dublin, the rainfall over those four months was the lowest July-October rainfall total since 1887.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

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	Least 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					
Carlow (Oak Park) Co. Carlow	1-10	28.7	-	4	3	11.8	-	-0.4	05	1	75.6	60.4	-4.0	05	1	-	-	Hr NA	% 5	-
	11-20	0.0	-	0	0	10.2	-	+3.7	13	0	58.0	38.3	-1.5	13	2	-	-	2.65	-	3
	21-end	39.9	-	5	5	9.7	-	-2.2	21	1	60.2	43.9	-7.0	21	2	-	-	3.02	-	8
	Month	68.6	-	9	8	10.5	-	-2.2	21	2	193.8	142.6	-7.0	21	5	-	-	NA	-	6
Shannon Airport Co. Clare	1-10	20.0	-	7	4	12.2	-	+3.5	05	0	78.6	63.4	-1.1	05	1	12.2	-	1.35	-	8
	11-20	0.0	-	0	0	11.4	-	+4.7	20	0	69.7	54.0	+3.7	20	0	11.4	-	3.41	-	6
	21-end	23.8	-	8	7	10.8	-	+1.0	21	0	71.7	54.7	-2.7	21	1	10.5	-	2.70	-	10
	Month	43.8	49	15	01	11.5	+0.8	+1.0	21	0	220.0	172.1	-2.7	21	2	11.3	0.0	2.49	86	8
Fermoy (Moore Park) Co. Cork	1-10	35.7	-	7	5	11.7	-	+0.8	10	0	74.5	59.3	-2.5	05	3	-	-	1.82	-	5
	11-20	0.0	-	0	0	10.4	-	+3.0	20	0	60.5	45.3	-1.6	20	1	-	-	2.19	-	6
	21-end	31.1	-	7	6	9.7	-	-0.8	21	1	61.4	45.8	-4.9	21	4	-	-	NA	-	5
	Month	66.8	-	14	11	10.6	-	-0.8	21	1	196.4	150.4	-4.9	21	8	-	-	NA	-	5
Mallow Co. Cork	1-10	32.9	-	8	7	11.6	-	+0.3	10	0	73.8	59.0	-3.3	05	3	-	-	1.72	-	-
	11-20	0.0	-	0	0	10.0	-	+2.4	14	0	56.2	41.0	-1.4	20	2	-	-	1.40	-	-
	21-end	34.1	-	7	7	10.2	-	-2.6	21	1	66.0	50.0	-8.9	21	4	-	-	2.35	-	-
	Month	67.0	69	15	14	10.6	-	-2.6	21	1	196.0	150.0	-8.9	21	9	-	-	1.84	-	-
Roche's Point Co. Cork	1-10	25.4	-	7	4	12.6	-	+6.2	10	0	82.4	66.4	+2.2	10	0	12.8	-	2.02	-	13
	11-20	0.0	-	0	0	11.0	-	+4.7	20	0	66.0	50.3	+5.1	20	0	11.1	-	1.24	-	10
	21-end	27.0	-	6	5	11.0	-	+2.5	21	0	73.5	56.3	-2.1	21	1	10.8	-	3.27	-	12
	Month	52.4	60	13	9	11.5	+0.1	+2.5	21	0	221.9	173.0	-2.1	21	1	11.5	-0.3	2.21	69	11
Glencolumbkille Co. Donegal	1-10	39.2	-	6	5	12.9	-	+7.6	02	0	85.4	69.4	NA	0	-	-	-	2.11	-	'8
	11-20	0.5	-	1	0	11.1	-	+5.9	20	0	66.9	50.9	+1.3	14	0	-	-	2.91	-	4
	21-end	45.1	-	10	8	10.7	-	+5.0	31	0	72.7	55.4	NA	-	-	-	-	1.74	-	10
	Month	84.8	-	17	13	11.6	-	+5.0	31	0	225.0	175.7	-	-	-	-	-	2.24	-	7
Glenties Co. Donegal	1-10	29.8	-	5	4	12.8	-	+6.4	02	0	83.7	67.7	+0.8	02	0	-	-	2.69	-	-
	11-20	0.7	-	1	0	10.2	-	+0.3	20	0	59.9	45.2	-6.2	20	5	-	-	3.47	-	-
	21-end	44.4	-	11	7	9.6	-	-0.5	31	1	59.8	43.1	-6.5	31	2	-	-	2.00	-	-
	Month	74.9	49	17	11	10.8	-	-0.5	31	1	203.4	156.0	-6.5	31	7	-	-	2.70	-	-
Malin Head Co. Donegal	1-10	20.9	-	5	3	13.1	-	+7.7	05	0	86.7	70.7	+3.0	05	0	12.3	-	3.13	-	13
	11-20	0.0	-	0	0	11.0	-	+6.6	14	0	66.4	50.4	+3.6	20	0	11.1	-	2.34	-	10
	21-end	26.4	-	9	5	10.6	-	+4.6	31	0	68.0	51.1	+1.5	31	0	9.5	-	1.88	-	20
	Month	47.3	47	14	8	11.6	+1.1	+4.6	31	0	221.1	172.2	+1.5	31	0	11.0	-	2.43	105	14
Dublin Airport Co. Dublin	1-10	13.9	-	4	2	13.1	-	+8.3	05	0	87.2	71.2	+2.6	07	0	13.0	-	3.49	-	7
	11-20	0.0	-	0	0	10.9	-	+5.3	20	0	64.8	49.0	+1.2	13	0	11.3	-	3.97	-	9
	21-end	26.9	-	4	4	10.5	-	+1.4	21	0	68.1	51.3	-1.2	21	1	10.1	-	3.45	-	12
	Month	40.8	59	8	6	11.5	+1.2	+1.4	21	0	220.1	171.5	-1.2	21	1	11.3	+0.8	3.63	112	10
Kinsealy Co. Dublin	1-10	15.4	-	5	2	11.7	-	+3.5	05	0	82.8	67.2	-1.9	05	2	-	-	3.13	-	6
	11-20	0.1	-	0	0	11.3	-	+5.7	20	0	69.2	53.3	-0.9	13	1	-	-	3.96	-	8
	21-end	29.6	-	6	3	10.8	-	+1.6	21	0	70.6	53.6	-1.2	21	1	-	-	3.49	-	9
	Month	45.1	-	11	5	11.6	-	+1.6	21	0	222.6	174.1	-1.9	05	4	-	-	3.53	-	8
Galway (Univ. Coll.) Co. Galway	1-10	12.9	-	6	4	12.6	-	+4.5	05	0	82.4	66.9	-1.0	10	1	-	-	1.06	-	-
	11-20	0.0	-	0	0	11.1	-	+5.5	20	0	66.6	50.7	NA	-	-	-	-	3.70	-	-
	21-end	24.4	-	8	5	11.0	-	+3.6	21	0	73.2	56.0	-	-	-	-	-	2.95	-	NA
	Month	37.3	-	14	9	11.6	-	+3.6	21	0	222.2	173.6	-	-	-	-	-	2.58	-	-
Killarney (Muckross Hse.) Co. Kerry	1-10	37.8	-	7	4	12.5	-	+4.4	10	0	81.1	65.8	-1.6	10	1	-	-	1.62	-	-
	11-20	0.0	-	0	0	10.2	-	+4.6	14	0	58.0	42.4	+0.8	14	0	-	-	1.27	-	-
	21-end	64.7	-	8	8	10.5	-	-0.8	21	1	68.3	51.5	-4.5	21	1	-	-	2.05	-	-
	Month	102.5	-	15	12	11.0	-	-0.8	21	1	207.4	159.7	-4.5	21	2	-	-	1.66	-	-
Cahirciveen (Valentia Obsy.) Co. Kerry	1-10	46.0	-	6	5	12.9	-	+2.5	02	0	85.7	70.7	-0.3	02	1	12.7	-	3.37	-	11
	11-20	0.0	-	0	0	11.3	-	+5.2	20	0	69.4	53.6	+4.4	14	0	11.2	-	3.49	-	7
	21-end	47.6	-	7	5	10.9	-	+0.5	21	0	72.5	55.7	-2.1	21	1	10.7	-	1.67	-	11
	Month	93.6	72	13	10	11.7	+0.1	+0.5	21	0	227.6	180.0	-2.1	21	2	11.5	-0.2	2.81	99	10
Tralee (Caherweesheen) Co. Kerry	1-10	20.1	-	6	5	12.8	-	+3.4	10	0	84.1	68.9	-0.2	10	1	-	-	1.94	-	-
	11-20	0.0	-	0	0	10.4	-	+4.3	16	0	60.2	44.8	-1.1	16	2	-	-	1.77	-	-
	21-end	62.9	-	7	6	11.5	-	-2.2	21	1	68.3	51.9	-6.8	21	1	-	-	1.84	-	-
	Month	83.0	-	13	11	11.2	-	-2.2	21	1	212.6	165.6	-6.8	21	4	-	-	1.85	-	-
Lullymore Co. Kildare	1-10	21.2	-	5	3	12.5	-	+4.6	05	0	80.6	65.0	-0.4	05	1	-	-	2.75	-	8
	11-20	0.3	-	0	0	8.8	-	+1.2	20	0	47.7	34.4	-5.0	20	7	-	-	3.18	-	6
	21-end	34.7	-	6	4	9.1	-	-2.3	21	1	53.8	38.6	-11.7	21	3	-	-	2.42	-	11
	Month	56.																		

STATION	PERIOD	RAINFALL				TEMPERATURE								BRIGHT SUNSHINE		WIND				
		Amount	Percentage of Average	No. of Rain Days		AIR				GROUND		SOIL (10cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts			
				No. of Wet Days	Mean Daily	Difference from Average	Lowest Minimum	Day	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					
Kilkenny Co. Kilkenny	1-10	34.6	-	7	4	12.0	-	+1.4	05	0	76.7	61.9	-2.0	05	1	12.3	-	2.77	5 0	
	11-20	0.0	-	0	0	10.7	-	+1.5	20	0	66.4	48.2	+1.1	13	0	10.6	-	2.63	5 0	
	21-end	45.1	-	5	5	9.5	-	-1.5	21	1	60.0	44.2	-5.8	21	3	9.5	-	2.84	6 1	
	Month	79.7	100	12	9	10.7	+0.8	-1.5	21	1	203.1	154.3	-5.8	21	4	10.8	+0.3	2.75	93 5 1	
Mooncoin (Silverspring) Co. Kilkenny	1-10	35.2	-	7	6	12.3	-	+3.9	05	0	79.1	63.9	-2.3	05	3	-	-	2.47	- - -	
	11-20	0.1	-	0	0	10.7	-	+5.0	13	0	62.8	47.3	-1.5	16	5	-	-	2.54	- - -	
	21-end	49.6	-	8	4	9.9	-	-1.1	21	1	62.8	47.0	-7.3	21	4	-	-	2.42	- - -	
	Month	84.9	-	15	10	10.9	-	-1.1	21	1	204.7	158.2	-7.3	21	12	-	-	2.47	- - -	
Ballinamore Co. Leitrim	1-10	21.5	-	4	3	12.2	-	+4.7	02	0	77.4	62.0	-1.8	05	2	-	-	2.07	- 5 -	
	11-20	0.0	-	0	0	10.1	-	+3.4	13	0	57.0	42.1	-1.0	20	1	-	-	3.13	- 3 -	
	21-end	25.8	-	10	6	9.4	-	+1.3	21	0	56.7	41.0	-4.3	21	4	-	-	2.74	- 7 -	
	Month	47.3	-	14	9	10.5	-	+1.3	21	0	191.1	145.1	-4.3	21	7	-	-	2.65	- 5 -	
Ardee (Boharnamoe) Co. Louth	1-10	18.4	-	5	4	12.1	-	+2.1	05	0	77.7	62.5	-0.7	05	1	-	-	-	-	-
	11-20	0.6	-	1	0	9.0	-	+1.6	14	0	48.6	35.2	-2.7	20	4	-	-	-	-	-
	21-end	26.7	-	5	5	9.6	-	-0.4	21	1	59.4	43.7	-5.4	21	3	-	-	-	-	-
	Month	45.7	-	11	9	10.2	-	-0.4	21	1	185.7	141.4	-5.4	21	8	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	22.4	-	7	4	11.8	-	+0.9	05	0	75.2	60.4	-5.1	05	2	-	-	1.30	- 3 -	
	11-20	0.0	-	0	0	10.5	-	+3.2	13	0	61.7	46.8	-6.4	20	5	-	-	3.64	- 3 -	
	21-end	34.7	-	8	5	9.9	-	+0.6	21	0	62.2	46.3	-7.3	21	6	-	-	3.25	- 7 -	
	Month	57.1	-	15	9	10.7	-	+0.6	21	0	199.1	153.5	-7.3	21	13	-	-	2.75	- 4 -	
Belmullet Co. Mayo	1-10	32.4	-	5	5	12.6	-	+5.3	10	0	82.4	66.8	+3.0	10	0	12.5	-	1.65	11 2	
	11-20	0.0	-	0	0	11.2	-	+4.9	14	0	68.0	52.5	+2.2	14	0	11.3	-	3.39	8 0	
	21-end	27.6	-	11	5	10.7	-	+3.5	31	0	69.7	52.9	-0.2	31	1	10.3	-	2.80	16 6	
	Month	60.0	50	16	10	11.5	+0.7	+3.5	31	0	220.1	172.2	-0.2	31	1	11.3	+0.2	2.62	92 12 8	
Claremorris Co. Mayo	1-10	25.0	-	7	5	11.3	-	+2.4	10	0	70.2	55.9	-0.6	10	1	11.8	-	1.22	8 0	
	11-20	0.0	-	0	0	10.0	-	+3.1	20	0	56.7	42.4	+0.7	20	0	10.6	-	3.60	6 0	
	21-end	26.9	-	7	5	9.6	-	+0.2	21	0	58.5	42.6	-3.9	21	2	9.4	-	2.97	10 4	
	Month	51.9	47	14	10	10.3	+0.6	+0.2	21	0	185.4	140.9	-3.9	21	3	10.6	+0.4	2.61	102 8 4	
Glenamoy Co. Mayo	1-10	26.5	-	7	4	12.5	-	+3.6	10	0	80.9	65.3	+0.9	10	0	-	-	1.33	9 -	
	11-20	0.1	-	0	0	10.6	-	+1.2	14	0	62.3	47.1	-1.3	14	1	-	-	2.96	6 -	
	21-end	30.9	-	11	5	10.2	-	+0.2	31	0	64.7	48.2	-3.6	31	1	-	-	2.44	13 -	
	Month	57.5	-	18	9	11.0	-	+0.2	31	0	207.9	160.6	-3.6	31	2	-	-	2.25	9 -	
Dunsany (Grange) Co. Meath	1-10	16.2	-	5	3	12.0	-	+2.0	05	0	76.5	61.3	-2.1	05	2	-	-	2.68	- NA -	
	11-20	0.1	-	0	0	9.0	-	+1.0	13	0	48.4	34.5	-2.4	20	5	-	-	3.06	- NA -	
	21-end	27.5	-	6	4	9.2	-	-2.5	21	1	55.2	39.7	-7.5	21	3	-	-	2.85	- NA -	
	Month	43.8	-	11	7	10.0	-	-2.5	21	1	180.1	135.5	-7.5	21	10	-	-	2.86	- NA -	
Sloane Co. Monaghan	1-10	16.7	-	5	3	12.1	-	+3.7	05	0	76.8	61.4	+1.0	05	0	12.0	-	1.84	6 0	
	11-20	0.0	-	0	0	9.6	-	+3.4	14	0	49.9	34.8	+0.5	13	0	10.5	-	2.66	4 0	
	21-end	23.4	-	6	4	9.7	-	+3.2	21	0	58.6	42.6	-1.8	21	1	9.4	-	2.98	9 5	
	Month	40.1	45	11	7	10.4	+1.0	+3.2	21	0	185.3	138.8	-1.8	21	1	10.6	+0.5	2.51	102 7 5	
Birr Co. Offaly	1-10	25.1	-	7	4	12.2	-	+1.8	05	0	78.9	64.2	-1.5	05	1	12.6	-	1.97	5 0	
	11-20	0.0	-	0	0	10.0	-	+2.2	20	0	57.0	42.0	+2.0	20	0	10.7	-	3.44	3 0	
	21-end	19.0	-	4	4	9.7	-	-2.3	21	1	60.5	44.1	-5.7	21	1	9.7	-	2.35	7 2	
	Month	44.1	53	11	8	10.7	+0.8	-2.3	21	1	196.4	150.3	-5.7	21	2	11.0	+0.5	2.58	87 5 2	
Thurles Co. Tipperary	1-10	25.5	-	8	4	-	-	-	-	-	-	-	-	-	-	-	1.96	- - -		
	11-20	0.0	-	0	0	NA	-	-	NA	-	-	-	-	-	NA	-	-	-	-	
	21-end	25.9	-	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Month	51.4	58	15	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dungarvan (Ballygaggin) Co. Waterford	1-10	40.9	-	8	6	12.4	-	+3.0	10	0	80.9	65.3	-0.8	10	2	-	-	2.26	5 -	
	11-20	0.0	-	0	0	11.2	-	+5.6	20	0	67.8	51.9	-1.2	20	1	-	-	2.58	4 -	
	21-end	44.6	-	9	7	10.2	-	+0.1	21	0	65.0	48.8	-4.1	21	3	-	-	3.46	6 -	
	Month	85.5	-	17	13	11.2	-	+0.1	21	0	213.7	166.0	-4.1	21	6	-	-	2.79	- 5 -	
Mullingar Co. Westmeath	1-10	20.0	-	5	3	12.3	-	+5.7	02	0	79.1	63.2	+3.1	05	0	12.4	-	2.36	8 0	
	11-20	0.0	-	0	0	9.8	-	+3.7	20	0	54.3	39.4	+1.7	13	0	10.1	-	2.88	6 0	
	21-end	33.1	-	6	6	9.4	-	-0.7	21	1	56.5	41.1	-3.4	21	1	9.3	-	2.65	9 2	
	Month	53.1	58	11	9	10.5	+0.9	-0.7	21	1	189.9	143.7	-3.4	21	1	10.6	+0.4	2.63	94 8 2	
Campile (Ballysop) Co. Wexford	1-10	41.5	-	7	7	12.5	-	+5.1	10	0	81.1	65.3	+0.1	10	0	-	-	2.96	- NA -	
	11-20	0.0	-	0	0	10.7	-	+5.1	20	0	62.9	47.1	-0.9	20	1	-	-	2.23	- NA -	
	21-end	48.0	-	6	5	9.9	-	+0.6	21	0	61.3	45.0	-4.1	21	3	-	-	2.75	- NA -	
	Month	89.5	-	13	12	11.0	-	+0.6	21	0	205.3	157.4	-4.1	21	4	-	-	2.65	- NA -	

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

OCTOBER 1972

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	Difference from Average		
Glenrochs Co. Wexford	1-10	mm	%	7	5	12.5	-	00	02	0	81.2	65.2	-0.4	02	1	00	Hr	Kt
	11-20	33.3	-	0	0	10.1	-	+3.0	20	0	57.7	42.1	-3.2	20	1	-	3.53	3
	21-end	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	2.29	3	
	Month	57.2	-	7	6	9.7	-	+1.0	21	0	59.6	43.5	-6.0	21	3	-	3.14	3
Johnstown Castle Co. Wexford	1-10	90.5	-	14	11	10.7	-	+1.0	21	0	198.5	150.8	-6.0	21	5	-	2.99	3
	11-20	40.6	-	7	4	12.4	-	+6.5	10	0	80.0	64.0	+1.1	04	0	-	3.58	7
	21-end	0.1	-	0	0	11.0	-	+5.3	20	0	66.3	50.5	+2.5	20	0	-	2.50	6
	Month	49.4	-	6	6	10.2	-	+1.0	21	0	64.8	48.3	-3.5	21	2	-	3.00	9
Rosslare e Co. Wexford	1-10	90.1	89	13	10	11.2	-	+1.0	21	0	211.1	162.8	-3.5	21	2	-	3.03	7
	11-20	25.7	-	6	5	13.1	-	+5.6	10	0	86.5	70.6	+3.8	10	0	13.4	-	3.92
	21-end	0.0	-	0	0	11.9	-	+6.7	20	0	75.4	59.4	+5.2	20	0	11.7	-	3.18
	Month	41.7	-	6	5	11.2	-	+4.4	21	0	74.7	57.5	+2.3	21	0	11.1	-	3.45
	1-10	67.4	78	12	10	12.0	+0.7	+4.4	21	0	236.6	187.5	+2.3	21	0	12.0	+0.4	3.52
	11-20	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	93	12	
	21-end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

STATION	PERIOD	SOLAR RADIATION		P.E.		SOIL MOISTURE				Surplus
		Amount	Amount	Amount	Deficit	Accumulated Deficit				
Carlow (Oak Park) Co. Carlow	1-10	Joules/cm ²	mm	mm	mm	mm	103	15	-	26
	11-20	-	7	0	0	65				
	21-end	-	8	5	5	70				
	Month	-	10	0	0	36				
Kinsealy Co. Dublin	1-10	8565	36	0	0	103	-	-	-	15
	11-20	-	29	5	5	108				
	21-end	NA	21	0	0	81				
	Month	-	86	-	-	-				
Cahirciveen e (Valentia Obay.) Co. Kerry	1-10	7237	15	0	0	0	-	-	-	82
	11-20	5896	3	0	0	0				
	21-end	4632	14	0	0	0				
	Month	17765	32	-	-	-				
Kilkenny e Co. Kilkenny	1-10	7136	-	-	-	-	-	-	-	-
	11-20	5965	-	-	-	-				
	21-end	5988	-	-	-	-				
	Month	19089	-	-	-	-				
Ballinamore Co. Leitrim	1-10	NA	7	0	0	37	-	-	-	16
	11-20	-	4	3	3	40				
	21-end	-	3	0	0	17				
	Month	-	-	-	-	-				
Glenamoy Co. Mayo	1-10	5889	12	0	0	44	-	-	-	19
	11-20	6152	10	8	8	52				
	21-end	5174	10	0	0	29				
	Month	17215	32	-	-	-				
Birr e Co. Offaly	1-10	6163	-	-	-	-	-	-	-	-
	11-20	6145	-	-	-	-				
	21-end	5454	-	-	-	-				
	Month	17762	-	-	-	-				
Johnstown Castle Co. Wexford	1-10	-	15	0	0	36	-	-	-	32
	11-20	-	4	3	3	39				
	21-end	-	16	0	0	3				
	Month	-	35	-	-	-				

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