



AGROMETEOROLOGICAL BULLETIN

NOVEMBER 1971

The weather during November

The weather during the month was very changeable with mild periods alternating with cold wintry spells. In general, field conditions were reasonably good for the harvesting of root crops during the first half of the month but they became increasingly difficult over the last two weeks because of some heavy falls of rain which occurred at intervals in most places.

Over the month as a whole, rainfall amounts in northern and western areas were above average while in the South and East they were less than average. The heaviest falls in most places occurred on the 20th but in parts of the Southeast the 29th was the wettest day of the month - a fall of 47.8 millimetres was recorded at Johnstown Castle on that day. Snow fell in many areas during the period 18th - 22nd and was accompanied by strong winds which reached gale force at times in some places.

Mean air temperatures over the month were above normal over most of the country except near the east and south coasts where below-average values were recorded. Air frost occurred in most inland districts at intervals during the month particularly during the periods 8th - 10th, 18th - 24th and 28th - 30th. The nights of 19th/20th and 28th/29th were the coldest with ground temperatures of -7.0°C to -9.0°C being recorded at many places inland.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

NOVEMBER 1971

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		
				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						
Carlow (Oak Park) Co. Carlow	1-10	18.5	-	4	2	8.8	-	-0.8	10	2	49.8	37.6	-7.2	07	5	-	-	2.60	-	8	-
	11-20	27.1	-	4	3	6.4	-	-4.5	20	2	29.0	18.8	-10.2	20	5	-	-	1.91	-	7	-
	21-end	13.6	-	6	2	5.1	-	-2.8	29	6	19.6	11.8	-7.8	29	8	-	-	1.85	-	6	-
	Month	59.2	-	14	7	6.8	-	-4.5	20	10	98.4	68.2	-10.2	20	18	-	-	2.12	-	7	-
Shannon Airport Co. Clare	1-10	26.8	-	6	4	10.4	-	+2.2	09	0	65.1	50.5	+0.1	09	0	9.8	-	3.36	-	10	1
	11-20	44.0	-	6	4	8.4	-	-0.3	19	1	43.8	30.4	-3.3	19	2	8.3	-	1.89	-	10	1
	21-end	17.4	-	8	5	6.5	-	+0.4	24	0	26.7	16.5	-2.1	29	4	6.5	-	1.44	-	9	1
	Month	88.2	95	20	13	8.4	+0.8	-0.3	19	1	135.6	97.4	-3.3	19	6	8.2	+0.9	2.23	110	10	3
Fernoy (Moore Park) Co. Cork	1-10	28.0	-	6	3	10.1	-	+0.8	07	0	59.6	46.0	-3.5	07	3	-	-	2.13	-	7	-
	11-20	34.6	-	6	5	8.3	-	-2.7	20	2	43.0	29.2	-7.4	20	4	-	-	1.93	-	7	-
	21-end	14.9	-	7	2	5.4	-	-3.3	28	4	21.2	12.3	-9.0	28	6	-	-	1.94	-	5	-
	Month	77.5	-	19	10	7.9	-	-3.3	28	6	123.8	87.5	-9.0	28	13	-	-	2.00	-	6	-
Mallow Co. Cork	1-10	30.5	-	5	4	10.2	-	+0.9	09	0	60.0	45.9	-3.0	09	4	-	-	2.28	-	-	-
	11-20	35.7	-	6	6	8.3	-	-2.7	20	2	43.8	29.3	-7.1	20	4	-	-	1.52	-	-	-
	21-end	16.0	-	7	3	5.6	-	-2.6	28	4	21.4	12.6	-8.2	28	6	-	-	1.88	-	-	-
	Month	82.2	77	18	13	8.0	-	-2.7	20	6	125.2	87.8	-8.2	28	14	-	-	1.89	-	-	-
Roche's Point Co. Cork	1-10	19.5	-	3	2	10.3	-	+3.3	10	0	60.3	45.6	+0.4	10	0	10.5	-	2.59	-	16	3
	11-20	22.0	-	5	2	8.3	-	+0.6	20	0	42.4	29.2	-3.5	20	2	8.6	-	2.40	-	11	1
	21-end	8.2	-	4	3	6.9	-	+0.6	28	0	29.7	17.5	-5.0	29	4	7.3	-	3.23	-	13	3
	Month	49.7	55	12	7	8.5	-0.3	+0.6	28	0	132.4	92.3	-5.0	29	6	8.8	+0.6	2.74	122	13	7
Glencolumbkille Co. Donegal	1-10	74.3	-	9	9	10.1	-	+4.3	09	0	56.8	41.8	+0.1	10	0	-	-	1.05	-	12	-
	11-20	99.4	-	10	9	7.7	-	+0.1	19	0	36.5	23.9	+0.4	13	0	-	-	0.78	-	12	-
	21-end	39.9	-	10	9	7.0	-	+1.3	21	0	28.4	16.6	+0.4	23	0	-	-	0.46	-	11	-
	Month	213.6	-	29	27	8.3	-	+0.1	19	0	121.7	82.3	+0.1	10	0	-	-	0.76	-	12	-
Glenties Co. Donegal	1-10	91.5	-	9	9	9.1	-	+2.0	10	0	48.8	35.0	-2.0	10	2	-	-	1.04	-	-	-
	11-20	86.5	-	10	9	7.3	-	-1.5	20	2	33.9	21.7	-5.5	20	3	-	-	0.99	-	-	-
	21-end	60.5	-	10	9	5.5	-	-0.5	29	2	19.5	10.4	-5.5	29	7	-	-	0.99	-	-	-
	Month	238.5	154	29	27	7.3	-	-1.5	20	4	102.2	67.1	-5.5	20	12	-	-	1.00	-	-	-
Malin Head Co. Donegal	1-10	42.1	-	9	8	9.6	-	+4.4	09	0	53.6	38.3	+2.3	09	0	8.9	-	1.09	-	23	9
	11-20	69.0	-	9	8	7.9	-	+0.3	20	0	39.4	26.9	-0.6	20	2	7.0	-	0.81	-	21	8
	21-end	32.8	-	10	8	6.8	-	+0.5	29	0	28.6	18.0	-1.4	29	3	6.1	-	1.29	-	19	4
	Month	143.9	150	28	24	8.1	+0.2	+0.3	20	0	121.6	83.2	-1.4	29	5	7.3	-	1.07	63	21	21
Dublin Airport Co. Dublin	1-10	9.3	-	4	3	9.2	-	+1.0	09	0	51.9	39.9	-2.8	09	3	8.9	-	2.64	-	13	4
	11-20	29.2	-	5	4	6.9	-	-1.8	20	2	26.5	19.4	-4.8	20	2	6.8	-	2.16	-	12	4
	21-end	9.2	-	5	2	5.4	-	-0.5	29	3	20.7	12.3	-3.5	29	6	5.4	-	3.00	-	12	2
	Month	47.7	70	14	9	7.2	-0.2	-1.8	20	5	99.1	71.6	-4.8	20	11	7.0	+0.4	2.60	119	12	10
Kinsealy Co. Dublin	1-10	10.1	-	4	2	9.3	-	+0.6	09	0	52.5	40.4	-4.1	09	5	-	-	2.72	-	10	-
	11-20	31.1	-	6	3	6.5	-	-2.3	20	2	28.9	18.8	-8.5	20	6	-	-	2.23	-	11	-
	21-end	3.4	-	4	2	5.3	-	-1.0	29	4	19.1	11.2	-7.5	29	8	-	-	2.87	-	9	-
	Month	44.6	-	14	7	7.1	-	-2.3	20	6	100.5	70.4	-8.5	20	19	-	-	2.61	-	10	-
Galway (Univ. Coll.) Co. Galway	1-10	31.5	-	8	6	10.1	-	+2.0	09	0	57.8	43.8	-	-	-	-	-	2.64	-	-	-
	11-20	46.5	-	9	6	8.1	-	+0.5	20	0	40.6	27.4	-	-	-	-	-	2.12	-	NA	-
	21-end	15.8	-	8	3	6.6	-	0.0	29	1	28.0	16.3	-	-	-	-	-	1.94	-	-	-
	Month	93.8	-	25	15	8.3	-	0.0	29	1	126.4	87.5	-	-	-	-	-	2.24	-	-	-
Killarney (Muckross Hse.) Co. Kerry	1-10	52.7	-	7	5	10.2	-	+1.0	09	0	60.4	46.9	-5.1	10	3	-	-	1.76	-	-	-
	11-20	38.6	-	5	5	8.7	-	-1.0	19	2	47.2	33.8	-5.6	19	4	-	-	1.52	-	-	-
	21-end	47.4	-	9	7	6.8	-	+0.1	29	0	27.6	15.8	-4.1	25	6	-	-	0.99	-	-	-
	Month	138.7	-	21	17	8.6	-	-1.0	19	2	135.2	96.5	-5.6	19	13	-	-	1.42	-	-	-
Cahiriveen (Valentia Obsy.) Co. Kerry	1-10	41.6	-	6	6	10.8	-	+2.9	07	0	65.2	51.1	+0.6	10	0	11.0	-	1.20	-	14	4
	11-20	30.6	-	7	6	8.8	-	+1.5	19	0	46.6	33.4	-1.5	12	2	9.3	-	1.23	-	10	2
	21-end	40.0	-	10	8	7.5	-	+1.1	24	0	35.0	22.7	-2.2	24	2	7.9	-	1.76	-	12	4
	Month	112.2	74	23	20	9.1	0.0	+1.1	24	0	146.8	129.9	-2.2	24	4	9.4	+1.2	1.40	71	12	10
Tralee (Caherweesheen) Co. Kerry	1-10	34.4	-	4	4	9.0	-	-1.0	09	2	66.8	53.5	-6.4	09	3	-	-	1.83	-	-	-
	11-20	38.3	-	7	7	7.9	-	-1.5	19	1	48.4	34.6	-4.6	19	3	-	-	1.57	-	-	-
	21-end	39.5	-	8	7	6.7	-	-0.1	28	1	27.5	15.6	-4.9	28	5	-	-	1.19	-	-	-
	Month	112.2	-	19	18	7.8	-	-1.5	19	4	142.7	103.7	-6.4	09	11	-	-	1.53	-	-	-
Lullymore Co. Kildare	1-10	17.2	-	4	3	8.4	-	-0.6	09	3	45.8	34.2	-5.8	07	5	-	-	2.80	-	10	-
	11-20	35.8	-	6	2	5.7	-	-4.6	20	3	24.4	15.2	-11.3	20	4	-	-	1.50	-	10	-
	21-end	12.9	-	8	2	4.2	-	-3.3	24	6	14.9	8.5	-10.0	24	8	-	-	2.03	-	8	-
	Month	65.9	-	18	7	6.1	-	-4.6	20	12	85.1	57.9	-11.3	20	17	-	-	2.11	-	9	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

NOVEMBER 1971

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 Rain Days	No. of Wet Days	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	Hr	%	Kt					
Kilkenny e Co. Kilkenny	1-10	19.9	-	4	3	8.9	-	-0.2	10	2	50.5	39.1	-3.4	10	4	8.6	-	2.78	-	7	1
	11-20	25.3	-	5	4	7.1	-	-6.2	20	2	34.1	22.5	-8.0	20	2	6.8	-	1.51	-	6	1
	21-end	19.4	-	5	4	4.5	-	-5.0	28	5	19.9	12.4	-7.2	28	6	4.7	-	2.38	-	6	1
	Month	64.6	76	14	11	6.9	0.0	-6.2	20	9	104.5	74.0	-8.0	20	12	6.7	+0.2	2.22	105	6	3
Mooncoin (Silverspring) Co. Kilkenny	1-10	19.3	-	3	2	8.7	-	-6.0	08	3	51.0	39.7	-7.5	08	5	-	-	1.74	-	-	-
	11-20	25.6	-	4	2	6.5	-	-5.0	20	2	29.0	19.1	-9.1	20	6	-	-	1.72	-	-	-
	21-end	15.9	-	6	2	5.3	-	-5.0	29	4	20.8	11.9	-9.4	29	6	-	-	1.52	-	-	-
	Month	60.8	-	13	6	6.8	-	-6.0	08	9	100.8	70.7	-9.4	29	17	-	-	1.66	-	-	-
Ballinamore Co. Leitrim	1-10	44.6	-	8	6	8.9	-	0.0	09	1	48.4	35.7	-3.6	09	3	-	-	1.80	-	8	-
	11-20	76.9	-	9	6	7.0	-	-2.1	20	2	32.0	20.2	-6.9	20	3	-	-	1.96	-	7	-
	21-end	13.7	-	7	5	4.7	-	-2.8	24	6	16.0	8.8	-7.8	24	7	-	-	1.36	-	6	-
	Month	135.2	-	24	17	6.9	-	-2.8	24	9	96.4	64.7	-7.8	24	13	-	-	1.71	-	7	-
Ardee (Boharnamoe) Co. Louth	1-10	17.6	-	6	3	8.4	-	-0.5	10	2	45.8	33.7	-3.6	10	4	-	-	-	-	-	-
	11-20	40.7	-	8	6	6.5	-	-4.0	20	2	29.7	19.4	-7.2	20	5	-	-	-	-	-	-
	21-end	12.8	-	8	2	4.4	-	-3.9	24	6	18.6	11.5	-6.9	24	7	-	-	-	-	-	-
	Month	71.1	-	22	11	6.4	-	-4.0	20	10	94.1	64.6	-7.2	20	16	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	67.2	-	9	8	9.8	-	+1.9	09	0	54.5	40.4	-1.8	09	3	-	-	1.64	-	8	-
	11-20	52.0	-	7	5	8.1	-	-1.9	20	2	41.2	28.3	-5.2	20	2	-	-	2.12	-	8	-
	21-end	22.8	-	9	7	6.1	-	-2.2	29	3	25.4	15.6	-6.2	29	6	-	-	1.96	-	6	-
	Month	142.0	-	25	20	8.0	-	-2.2	29	5	121.1	84.3	-6.2	29	11	-	-	1.91	-	7	-
Belmullet e Co. Mayo	1-10	51.2	-	9	7	9.6	-	+3.1	09	0	52.4	39.8	+1.7	09	0	10.2	-	1.58	-	17	9
	11-20	60.3	-	8	6	8.6	-	+0.8	19	0	45.0	34.4	-0.1	19	1	8.6	-	0.60	-	13	5
	21-end	37.6	-	9	8	7.5	-	+1.5	24	0	33.6	19.3	-3.4	24	2	7.6	-	1.16	-	16	5
	Month	149.1	118	26	21	8.6	+0.3	+0.8	19	0	131.0	93.5	-3.4	24	3	8.8	+1.1	1.11	58	15	19
Claremorris e Co. Mayo	1-10	57.7	-	9	7	9.1	-	+1.5	09	0	47.0	33.7	-1.8	07	3	9.3	-	1.75	-	9	4
	11-20	47.0	-	6	4	7.0	-	-1.7	20	2	32.5	21.2	-4.8	20	3	7.3	-	1.22	-	6	4
	21-end	24.7	-	10	8	5.6	-	-2.1	29	3	21.8	12.9	-6.8	29	5	5.6	-	2.06	-	7	2
	Month	129.4	118	25	19	7.3	+0.7	-2.1	29	5	101.3	67.8	-6.8	29	11	7.4	+1.1	1.68	86	8	10
Glenamoy Co. Mayo	1-10	70.5	-	9	9	9.6	-	+3.8	09	0	52.3	38.1	+0.4	09	0	-	-	1.07	-	15	-
	11-20	65.4	-	9	6	7.6	-	-0.1	19	2	35.8	22.8	-1.8	20	2	-	-	0.95	-	10	-
	21-end	42.8	-	10	9	6.2	-	-0.3	28	2	23.6	13.2	-1.7	28	3	-	-	1.21	-	14	-
	Month	178.7	-	28	24	7.8	-	-0.3	28	4	111.7	74.1	-1.8	20	5	-	-	1.08	-	13	-
Dunsany (Grange) Co. Meath	1-10	13.2	-	6	3	8.4	-	-0.2	09	1	45.1	33.5	-5.0	10	4	-	-	2.67	-	-	-
	11-20	39.0	-	6	3	5.8	-	-3.5	20	3	23.4	13.7	-9.0	20	5	-	-	1.68	-	-	-
	21-end	9.1	-	5	3	4.0	-	-3.6	24	7	13.6	7.1	-8.4	24	7	-	-	2.01	-	NA	-
	Month	61.3	-	17	9	6.1	-	-3.6	24	11	82.1	54.3	-9.0	20	16	-	-	2.12	-	-	-
Clones e Co. Monaghan	1-10	36.8	-	7	5	8.7	-	+0.7	09	0	46.6	33.9	-3.4	09	2	8.6	-	1.76	-	11	6
	11-20	46.6	-	9	5	6.9	-	-2.6	20	2	31.9	20.3	-7.1	20	2	6.7	-	1.68	-	8	2
	21-end	7.8	-	6	2	4.7	-	-4.4	24	4	17.8	10.4	-7.8	29	5	5.0	-	1.84	-	8	1
	Month	91.2	110	22	12	6.8	+0.5	-4.4	24	6	96.3	64.6	-7.8	29	9	6.7	+0.6	1.76	98	9	9
Birr e Co. Offaly	1-10	21.9	-	7	5	9.3	-	+0.3	09	0	48.7	36.3	-2.4	09	3	9.0	-	2.68	-	9	3
	11-20	33.5	-	5	4	7.2	-	-2.9	20	2	33.9	20.1	-7.5	20	2	7.3	-	1.51	-	7	1
	21-end	14.9	-	6	4	4.8	-	-2.8	24	5	19.1	11.3	-7.2	29	6	5.2	-	1.72	-	7	1
	Month	70.3	90	18	13	7.1	+0.3	-2.9	20	7	101.7	67.7	-7.2	29	11	7.2	+0.8	1.97	98	8	5
Thurles Co. Tipperary	1-10	22.5	-	6	3	8.9	-	+0.4	10	0	48.9	37.1	-3.5	07	5	-	-	2.82	-	-	-
	11-20	23.2	-	6	3	7.0	-	-3.2	20	2	31.2	20.5	-8.0	10	4	-	-	1.54	-	-	-
	21-end	17.2	-	7	2	5.5	-	-3.4	29	5	23.1	14.8	-8.9	29	6	-	-	2.02	-	-	-
	Month	62.9	66	19	8	7.1	+0.2	-3.4	29	7	103.2	72.4	-8.9	29	15	-	-	2.13	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	17.4	-	5	2	10.0	-	+0.9	09	0	59.2	46.4	-2.1	09	3	-	-	2.41	-	7	-
	11-20	34.7	-	6	5	7.8	-	-3.6	20	2	38.2	25.9	-7.4	20	3	-	-	2.77	-	6	-
	21-end	12.1	-	4	2	6.1	-	-5.0	29	4	25.9	15.7	-9.1	29	6	-	-	2.47	-	6	-
	Month	64.2	-	15	9	8.0	-	-5.0	29	6	123.3	88.0	-9.1	29	12	-	-	2.55	-	6	-
Mullingar e Co. Westmeath	1-10	26.7	-	5	5	8.4	-	-1.2	09	2	46.6	35.0	-3.9	09	4	8.6	-	2.38	-	20	3
	11-20	45.0	-	5	4	6.3	-	-3.1	20	3	28.9	17.6	-7.4	20	4	6.5	-	1.47	-	10	2
	21-end	11.6	-	6	4	4.5	-	-3.1	29	5	16.6	9.0	-5.8	29	6	4.7	-	2.04	-	10	1
	Month	83.3	99	16	13	6.5	+0.1	-3.1	20	10	92.1	61.6	-7.4	20	14	6.6	+0.5	1.96	98	13	6
Campile (Ballysop) Co. Wexford	1-10	13.5	-	2	1	9.2	-	-0.6	10	2	53.2	41.0	-4.6	09	5	-	-	2.40	-	-	-
	11-20	24.9	-	4	3	7.2	-	-4.4	20	2	33.6	22.8	-8.9	20	7	-	-	2.13	-	-	-
	21-end	14.3	-	2	2	5.1	-	-5.3	30	5	19.8	11.0	-11.7	30	6	-	-	2.64	-	NA	-
	Month	52.7	-	8	6	7.1	-	-5.3	30	9	106.6	74.8	-11.7	30	18	-	-	2.39	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

NOVEMBER 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	
																						°C
Clonroche Co. Wexford	1-10	20.5	-	2	2	8.5	-	+0.1	09	0	50.0	35.1	NA	NA	-	-	-	-	2.37	-	6	-
	11-20	32.5	-	7	2	6.2	-	-4.6	20	2	25.8	14.9	-9.5	20	6	-	-	-	2.06	-	5	-
	21-end	31.4	-	7	4	4.8	-	-3.6	29	4	16.3	8.7	-8.6	29	6	-	-	-	2.66	-	5	-
	Month	84.4	-	16	8	6.5	-	-4.6	20	6	92.1	58.7	NA	NA	-	-	-	-	2.36	-	6	-
Johnstown Castle Co. Wexford	1-10	13.4	-	2	2	9.3	-	+1.0	09	0	51.6	39.2	-1.5	09	3	-	-	-	2.75	-	10	-
	11-20	30.0	-	4	2	7.1	-	-3.0	20	2	31.6	19.4	-9.1	20	4	-	-	-	2.06	-	8	-
	21-end	55.3	-	6	3	6.0	-	-2.0	29	1	22.8	13.3	-9.4	29	6	-	-	-	2.83	-	7	-
	Month	98.7	90	12	7	7.4	-	-3.0	20	3	106.0	71.9	-9.4	29	13	-	-	-	2.55	-	8	-
Rosslare e Co. Wexford	1-10	16.4	-	4	3	9.6	-	+2.6	09	0	54.2	41.1	+1.0	08	0	9.8	-	-	3.03	-	15	6
	11-20	27.2	-	3	2	7.6	-	-1.6	20	2	36.1	23.2	-4.4	20	2	7.8	-	-	1.99	-	11	4
	21-end	13.9	-	6	3	6.5	-	-0.2	29	2	27.2	17.1	-3.6	29	3	6.4	-	-	2.93	-	12	4
	Month	57.5	62	13	8	7.9	-0.7	-1.6	20	4	117.5	81.4	-4.4	20	5	8.0	-0.1	-	2.65	107	13	14

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
Carlow (Oak Park) Co. Carlow	1-10	Joule/cm ²	mm	mm	mm	mm
	11-20	-	11	0	0	8
	21-end	-	8	0	0	19
	Month	-	0	0	0	14
Kinsealy Co. Dublin	1-10	3508	15	0	63	1
	11-20	4208	12	0	39	24
	21-end	3996	4	0	39	0
	Month	11712	31	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	3131	7	0	0	37
	11-20	2577	8	0	0	21
	21-end	2648	1	0	0	45
	Month	8356	16	-	-	-
Kilkenny e Co. Kilkenny	1-10	4597	-	-	-	-
	11-20	2970	-	-	-	-
	21-end	2975	-	-	-	-
	Month	10542	-	-	-	-
Ballinamore Co. Leitrim	1-10	3104	0	0	0	44
	11-20	3074	19	0	0	58
	21-end	1931	0	0	0	15
	Month	8109	19	-	-	-
Glenamoy Co. Mayo	1-10	2900	4	0	0	67
	11-20	2284	3	0	0	62
	21-end	2138	6	0	0	37
	Month	7322	13	-	-	-
Birr e Co. Offaly	1-10	4163	-	-	-	-
	11-20	2931	-	-	-	-
	21-end	2795	-	-	-	-
	Month	9889	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	9	0	0	5
	11-20	-	10	0	0	21
	21-end	-	8	0	0	48
	Month	-	27	-	0	-

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