



AGROMETEOROLOGICAL BULLETIN

DECEMBER 1971

The weather during December

December was mild and dry and although sunshine amounts were lower than normal December values, weather conditions during the month were generally favourable from the farming point of view. Temperatures were well above normal so that many pastures still provided some "bite" right up to the end of the year and with low rainfall, poaching, even on heavy soils, was minimal. In addition, the mild conditions and the absence of wintry gales and snow (except for some light falls on mountains) resulted in higher levels of animal comfort and thrift than are normally associated with December; the reported increases of over 10% in milk yields, in places, compared to those in December 1970 may be attributable, at least in part, to favourable outdoor conditions.

Mean air temperatures over the month were 1.5° - 2.0°C above normal in most places; near the south coast the deviations from normal were somewhat less ($+0.8$ - $+1.0$) while in the extreme north they were $+2.3^{\circ}\text{C}$. The period 9th - 22nd was exceptionally mild with mean air temperatures 3° - 4°C above the December average being recorded in many places. During this period, air frost was not reported from any station and ground frost was recorded at a few inland stations on one or two nights only.

Rainfall over the month was less than 50% of normal everywhere except in the extreme south-east (83%) where over 25 millimetres or one-third of the total rainfall for the month fell on the 1st. In many places it was the driest December for many years - Cahirciveen had its driest December since 1926 with 34% of normal rainfall and Claremorris (32% of normal) its driest since recording began there (1943). It is of interest that at Cahirciveen, 1971 was the driest year since 1866 when rainfall measurements commenced in the area.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

DECEMBER 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 4.0C	Degree Days Above 6.0C	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	9.3	-	4	1	4.8	-	-3.5	08	5	17.7	10.1	-7.8	04	7	-	-	0.51	-	3	-
	11-20	13.7	-	7	3	9.5	-	+5.2	20	0	51.5	35.8	+2.8	13	0	-	-	0.88	-	12	-
	21-end	27.7	-	7	4	6.4	-	-1.0	23	2	28.6	16.6	-2.6	31	5	-	-	1.06	-	8	-
	Month	50.7	-	18	8	6.9	-	-3.5	08	7	97.8	62.5	-7.8	04	12	-	-	0.83	-	7	-
Shannon Airport Co. Clare	1-10	6.5	-	2	1	6.8	-	-0.4	08	2	26.9	15.9	-0.7	03	3	6.2	-	1.26	-	5	0
	11-20	16.8	-	6	4	9.8	-	+5.5	19	0	59.0	43.0	+6.0	13	0	8.6	-	1.30	-	14	3
	21-end	15.3	-	4	3	7.2	-	+0.3	30	0	37.9	25.1	-1.4	30	4	6.7	-	1.37	-	10	1
	Month	38.6	36	12	8	8.0	+1.9	-0.4	08	2	123.8	84.0	-1.4	30	7	7.1	+1.4	1.31	93	10	4
Fernoy (Moore Park) Co. Cork	1-10	8.5	-	3	1	4.5	-	-2.0	06	4	17.0	9.8	-6.0	03	7	-	-	0.30	-	2	-
	11-20	27.6	-	6	3	10.1	-	+4.4	11	0	56.3	40.7	-1.0	11	2	-	-	0.89	-	8	-
	21-end	20.2	-	7	4	7.0	-	-0.3	23	1	33.7	20.4	-3.5	29	5	-	-	0.83	-	7	-
	Month	56.3	-	16	8	7.2	-	-2.0	06	5	107.0	70.9	-6.0	03	14	-	-	0.68	-	6	-
Mallow Co. Cork	1-10	6.6	-	2	1	5.5	-	-3.2	08	3	22.0	12.2	-5.4	03	6	-	-	1.02	-	-	-
	11-20	26.0	-	8	4	9.6	-	+1.7	11	0	53.2	38.1	-2.5	11	1	-	-	0.83	-	-	-
	21-end	17.0	-	6	4	6.4	-	-2.2	30	4	31.4	19.1	-8.0	30	5	-	-	0.55	-	-	-
	Month	49.6	43	16	9	7.1	-	-3.2	08	7	106.6	69.4	-8.0	30	12	-	-	0.79	-	-	-
Roche's Point Co. Cork	1-10	4.5	-	2	1	7.1	-	+0.7	08	0	30.7	18.1	-1.5	08	3	7.2	-	1.24	-	7	0
	11-20	23.4	-	5	4	10.0	-	+6.0	19	0	56.5	40.5	+4.6	20	0	9.4	-	0.43	-	19	6
	21-end	20.3	-	6	4	7.3	-	+2.1	29	0	35.3	22.1	-1.1	30	3	7.6	-	0.96	-	13	1
	Month	48.2	48	13	9	8.1	+0.8	+0.7	08	0	122.5	80.7	-1.5	08	6	8.0	+1.3	0.88	53	13	7
Glencolumbkille Co. Donegal	1-10	11.8	-	4	3	8.4	-	+3.0	08	0	41.4	26.7					-	0.60	-	9	-
	11-20	39.9	-	8	7	9.9	-	+6.0	20	0	57.0	41.0					-	0.20	-	14	-
	21-end	26.9	-	4	4	6.4	-	-1.2	30	4	32.0	20.3	NA				-	0.80	-	8	-
	Month	78.6	-	16	14	8.2	-	-1.2	30	4	130.4	88.0					-	0.54	-	10	-
Glenties Co. Donegal	1-10	9.7	-	3	3	7.4	-	-1.2	07	1	35.0	22.4	-4.3	07	4	-	-	0.73	-	-	-
	11-20	51.6	-	8	8	9.6	-	+4.5	15	0	52.6	37.3	+3.5	13	0	-	-	0.31	-	-	-
	21-end	12.5	-	7	4	4.7	-	-7.0	30	4	23.8	13.7	-10.3	30	6	-	-	1.19	-	-	-
	Month	73.8	42	18	15	7.2	-	-7.0	30	5	111.4	73.4	-10.3	30	10	-	-	0.76	-	-	-
Malin Head Co. Donegal	1-10	8.6	-	3	2	8.5	-	+2.4	03	0	42.6	25.8	+0.2	03	0	7.0	-	0.37	-	17	4
	11-20	21.0	-	7	7	10.1	-	+6.8	13	0	56.5	40.5	+5.2	12	0	8.3	-	0.73	-	25	10
	21-end	23.2	-	6	5	7.6	-	+2.8	23	0	36.9	21.2	+0.6	23	0	6.1	-	0.65	-	21	8
	Month	52.8	51	16	14	8.7	+2.3	+2.4	03	0	136.0	87.5	+0.2	03	0	7.1	-	0.59	60	21	22
Dublin Airport Co. Dublin	1-10	5.9	-	1	1	6.1	-	-0.1	07	1	23.2	11.8	-1.7	06	4	5.5	-	1.23	-	9	0
	11-20	3.3	-	5	1	10.0	-	+6.0	19	0	55.5	39.5	+3.9	20	0	7.9	-	1.38	-	15	6
	21-end	27.5	-	8	4	7.5	-	+0.4	23	0	35.0	21.7	-0.4	23	1	6.6	-	0.45	-	15	6
	Month	36.7	48	14	6	7.9	+2.1	-0.1	07	1	113.7	73.0	-1.7	06	5	6.7	+2.1	1.00	60	13	12
Kinsealy Co. Dublin	1-10	7.3	-	3	1	5.7	-	-0.7	07	2	21.8	12.8	-5.0	07	7	-	-	1.31	-	7	-
	11-20	2.8	-	4	1	10.1	-	+5.8	17	0	57.5	41.5	+1.8	20	0	-	-	1.21	-	11	-
	21-end	26.4	-	6	4	7.7	-	+3.2	24	0	37.6	22.5	-3.0	23	2	-	-	0.49	-	12	-
	Month	36.5	-	13	6	7.9	-	-0.7	07	2	116.9	76.8	-5.0	07	9	-	-	0.99	-	10	-
Galway (Univ. Coll.) Co. Galway	1-10	5.8	-	2	2	7.1	-	+0.1	08	0	31.0	18.9					-	1.69	-	-	-
	11-20	21.7	-	9	4	10.5	-	+8.0	17	0	57.8	41.8					-	0.86	-	NA	-
	21-end	14.3	-	5	3	6.7	-	-1.0	30	2	34.0	22.4					-	1.69	-	NA	-
	Month	41.8	-	16	9	8.1	-	-1.0	30	2	122.8	83.1					-	1.42	-	-	-
Killarney (Muckross Hse.) Co. Kerry	1-10	10.4	-	5	2	6.8	-	-2.5	08	3	31.4	20.0	-8.4	08	4	-	-	1.70	-	-	-
	11-20	59.8	-	9	6	10.8	-	+6.5	20	0	65.5	49.5	+0.3	11	0	-	-	0.35	-	-	-
	21-end	8.1	-	5	4	6.6	-	-2.0	30	3	34.0	21.0	-8.2	30	4	-	-	0.32	-	-	-
	Month	78.3	-	19	12	8.0	-	-2.5	08	6	130.9	90.5	-8.4	08	8	-	-	0.77	-	-	-
Cahirciveen (Valentia Obsy.) Co. Kerry	1-10	12.0	-	4	4	8.0	-	-1.4	08	2	40.7	27.4	-3.6	08	2	7.4	-	1.35	-	5	0
	11-20	34.3	-	7	7	10.8	-	+6.8	19	0	63.5	47.5	+6.6	20	0	9.8	-	0.43	-	17	8
	21-end	11.5	-	6	3	7.5	-	+1.2	30	0	38.4	25.6	-4.1	30	4	7.3	-	1.46	-	11	3
	Month	57.8	34	17	14	8.8	+1.0	-1.4	08	2	142.6	100.5	-4.1	30	6	8.1	+1.3	1.09	83	11	11
Tralee (Caherweesheen) Co. Kerry	1-10	10.3	-	3	1	6.6	-	-2.3	08	2	28.1	17.3	-5.4	07	6	-	-	1.82	-	-	-
	11-20	25.8	-	7	5	10.9	-	+4.1	11	0	65.0	49.4	-1.7	11	1	-	-	1.00	-	-	-
	21-end	5.3	-	3	1	7.2	-	-1.8	30	3	38.2	25.6	-6.9	30	4	-	-	0.95	-	-	-
	Month	41.4	-	13	7	8.2	-	-2.3	08	5	131.3	92.3	-6.9	30	11	-	-	1.25	-	-	-
Lullymore Co. Kildare	1-10	6.9	-	5	1	4.6	-	-2.8	08	6	16.5	8.8	-8.0	08	7	-	-	0.62	-	5	-
	11-20	9.8	-	5	3	8.9	-	+4.8	20	0	48.5	31.0	+2.3	13	0	-	-	1.04	-	14	-
	21-end	28.0	-	7	4	5.7	-	-1.9	23	2	22.5	12.7	-6.1	23	6	-	-	0.50	-	10	-
	Month	44.7	-	17	8	6.4	-	-2.8	08	8	87.5	52.5	-8.0	08	13	-	-	0.71	-	10	-

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(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
Kilkenny Co. Kilkenny	1-10	10.2	-	2	1	4.4	-	-4.6	08	4	17.3	9.6	-6.7	08	5	4.5	-	0.69	-	3	0
	11-20	11.3	-	7	4	9.4	-	+4.2	15	0	50.1	34.5	+1.6	15	0	7.8	-	0.44	-	9	2
	21-end	19.7	-	4	2	6.7	-	-2.5	23	1	31.4	18.9	-3.9	23	4	6.2	-	1.08	-	7	1
	Month	41.2	44	13	7	6.8	+1.5	-4.6	08	5	98.8	63.0	-6.7	08	9	6.2	+1.6	0.75	49	6	3
Mooncoin (Silverspring) Co. Kilkenny	1-10	2.3	-	1	1	5.1	-	-3.3	08	4	18.5	10.3	-5.9	07	7	-	-	0.67	-	-	-
	11-20	19.8	-	4	3	9.4	-	+0.9	11	0	51.9	36.9	-4.0	11	1	-	-	0.64	-	-	-
	21-end	29.7	-	8	6	6.7	-	-0.7	23	2	27.6	17.0	-4.9	23	5	-	-	0.57	-	-	-
	Month	51.8	-	13	10	7.1	-	-3.3	08	6	98.0	64.2	-5.9	07	13	-	-	0.63	-	-	-
Ballinamore Co. Leitrim	1-10	7.8	-	3	2	5.8	-	-1.8	07	3	22.1	12.3	-5.2	07	3	-	-	0.58	-	5	-
	11-20	28.6	-	9	6	8.9	-	+5.0	20	0	45.4	30.4	+2.1	13	0	-	-	0.69	-	11	-
	21-end	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Month	42.1	-	-	-	NA	-	-	-	-	NA	-	-	-	-	-	-	-	-	-	-
Ardee (Boharnamos) Co. Louth	1-10	5.8	-	2	1	5.0	-	-4.5	03	5	21.0	12.2	-5.6	03	6	-	-	-	-	-	-
	11-20	10.7	-	6	3	9.0	-	+4.9	20	0	46.6	31.3	+3.2	20	0	-	-	-	-	-	-
	21-end	19.1	-	4	2	5.9	-	-2.2	23	3	25.6	14.8	-3.8	23	5	-	-	-	-	-	-
	Month	35.6	-	12	6	6.6	-	-4.5	03	8	93.2	58.3	-5.6	03	11	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	5.3	-	3	1	6.2	-	-2.8	08	3	26.9	16.1	-6.5	08	6	-	-	1.38	-	5	-
	11-20	50.4	-	9	7	9.8	-	+6.3	19	0	54.4	38.5	+2.6	13	0	-	-	0.55	-	11	-
	21-end	12.0	-	5	4	6.1	-	-2.9	30	3	31.1	20.7	-6.9	30	5	-	-	0.98	-	9	-
	Month	67.7	-	17	12	7.3	-	-2.9	30	6	112.4	75.3	-6.9	30	11	-	-	0.97	-	8	-
Belmullet Co. Mayo	1-10	6.1	-	5	1	8.3	-	+1.3	03	0	41.8	27.7	-2.4	07	2	7.9	-	1.19	-	12	0
	11-20	28.7	-	8	6	10.4	-	+6.5	19	0	60.5	44.5	+5.2	13	0	9.3	-	0.34	-	24	8
	21-end	12.3	-	6	2	6.7	-	-2.0	29	3	33.5	21.9	-5.9	29	5	6.6	-	1.45	-	15	5
	Month	47.1	33	19	9	8.4	+1.6	-2.0	29	3	135.8	94.1	-5.9	29	7	7.9	+1.8	1.01	91	17	13
Claremorris Co. Mayo	1-10	4.3	-	3	1	6.1	-	-2.5	08	2	25.5	15.4	-4.7	01	5	5.6	-	0.97	-	4	0
	11-20	31.1	-	8	6	9.4	-	+4.8	13	0	50.5	35.1	+2.3	17	0	8.1	-	0.40	-	13	6
	21-end	6.0	-	4	2	5.6	-	-2.2	30	5	26.3	16.5	-4.9	30	6	5.2	-	1.32	-	9	1
	Month	41.4	32	15	9	7.0	+1.8	-2.5	08	7	102.3	67.0	-4.9	30	11	6.3	+1.8	0.91	71	9	7
Glenamoy Co. Mayo	1-10	7.8	-	5	3	7.7	-	-0.5	07	2	36.5	24.2	-2.1	07	4	-	-	1.14	-	9	-
	11-20	43.9	-	8	6	9.8	-	+5.0	13	0	54.6	38.9	+3.5	13	0	-	-	0.28	-	19	-
	21-end	18.5	-	7	4	5.8	-	-3.1	29	3	27.6	16.7	-3.4	30	5	-	-	1.28	-	13	-
	Month	70.2	-	20	13	7.7	-	-3.1	29	5	118.7	79.8	-3.4	30	9	-	-	0.91	-	14	-
Dunsany (Grange) Co. Meath	1-10	5.9	-	3	1	4.7	-	-3.0	03	4	17.9	9.3	-6.5	03	6	-	-	0.52	-	-	-
	11-20	19.4	-	6	4	8.9	-	+5.4	20	0	46.6	30.8	+2.6	15	0	-	-	0.98	-	NA	-
	21-end	35.6	-	8	4	5.4	-	-1.8	30	2	21.2	10.6	-3.9	23	4	-	-	0.70	-	-	-
	Month	60.9	-	17	9	6.3	-	-3.0	03	6	85.7	50.7	-6.5	03	10	-	-	0.74	-	-	-
Clones Co. Monaghan	1-10	4.3	-	2	1	6.0	-	-1.9	03	2	23.3	13.6	-1.9	03	3	5.6	-	0.68	-	6	0
	11-20	16.4	-	6	6	9.1	-	+5.1	20	0	47.0	31.6	+2.9	20	0	7.7	-	0.97	-	15	5
	21-end	3.1	-	5	1	5.6	-	-1.3	23	3	24.3	14.8	-4.8	29	6	5.2	-	0.99	-	10	1
	Month	23.8	24	13	8	6.9	+2.1	-1.9	03	5	94.6	60.0	-4.8	29	9	6.1	+1.9	0.86	74	10	6
Birr Co. Offaly	1-10	5.3	-	1	1	5.5	-	-3.7	08	2	21.1	12.2	-7.4	08	6	5.1	-	1.35	-	4	0
	11-20	17.0	-	4	3	9.6	-	+5.8	11	0	52.3	36.4	+3.8	11	0	8.0	-	1.29	-	12	4
	21-end	21.7	-	3	3	6.3	-	-1.0	29	3	30.2	19.7	-4.7	30	3	6.1	-	1.12	-	8	1
	Month	44.0	50	8	7	7.1	+1.8	-3.7	08	5	103.6	68.3	-7.4	08	9	6.4	+1.7	1.25	94	8	5
Thurles Co. Tipperary	1-10	5.3	-	3	1	-	-	-	-	-	-	-	-6.0	08	-	-	-	1.03	-	-	-
	11-20	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.89	-	-	-
	21-end	19.0	-	NA	NA	-	-	NA	-	-	-	-	-	-	-	-	-	-	-	-	-
	Month	32.1	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	6.3	-	1	1	5.6	-	-2.3	08	3	20.8	11.0	-5.6	07	9	-	-	1.39	-	-	-
	11-20	27.3	-	6	3	10.4	-	+6.1	20	0	60.5	44.5	-0.2	15	1	-	-	0.52	-	NA	-
	21-end	36.8	-	8	5	6.8	-	-0.9	23	1	30.0	17.3	-2.1	29	5	-	-	0.67	-	-	-
	Month	70.4	-	15	9	7.6	-	-2.3	08	4	111.3	72.8	-5.6	07	15	-	-	0.85	-	-	-
Mullingar Co. Westmeath	1-10	5.4	-	4	1	5.1	-	-2.6	03	3	19.4	11.0	-5.4	03	5	5.2	-	0.75	-	6	0
	11-20	17.0	-	8	4	8.9	-	+4.6	19	0	45.5	30.1	+2.7	20	0	7.7	-	0.87	-	13	5
	21-end	26.0	-	5	2	6.0	-	-0.6	23	1	24.4	14.1	-2.8	23	3	5.6	-	0.95	-	10	1
	Month	48.4	48	17	7	6.7	+1.9	-2.6	03	4	89.3	55.2	-5.4	03	8	6.1	+1.9	0.86	59	10	6
Campile (Ballysop) Co. Wexford	1-10	13.4	-	3	1	5.3	-	-4.4	08	2	18.3	10.0	-8.6	07	7	-	-	1.34	-	-	-
	11-20	24.5	-	6	4	8.7	-	+1.9	13	0	44.8	30.3	-2.5	11	2	-	-	0.37	-	NA	-
	21-end	44.8	-	8	6	6.4	-	+0.2	23	0	27.6	16.5	-4.4	23	5	-	-	1.04	-	-	-
	Month	82.7	-	17	11	6.8	-	-4.4	08	2	90.7	56.8	-8.6	07	14	-	-	0.94	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

DECEMBER 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	°C	°C	°C	°C	°C	°C	Hr	%	Kt						
Clonroche Co. Wexford	1-10	12.9	-	2	1	5.3	-	-4.6	08	4	19.9	11.0	-7.9	08	7	-	-	1.76	-	02	-
	11-20	32.3	-	8	5	8.7	-	+4.4	11	0	42.7	28.4	+1.3	20	0	-	-	0.50	-	09	-
	21-end	39.4	-	8	7	6.0	-	-1.2	23	1	24.1	13.1	-4.7	23	4	-	-	0.90	-	07	-
	Month	84.6	-	18	13	6.7	-	-4.6	08	5	86.7	52.5	-7.9	08	11	-	-	1.05	-	06	-
Johnstown Castle Co. Wexford	1-10	24.3	-	1	1	6.1	-	-1.0	08	1	21.8	11.7	-7.0	08	4	-	-	2.41	-	04	-
	11-20	20.7	-	6	3	9.3	-	+4.9	11	0	49.6	34.3	+3.0	11	0	-	-	0.35	-	13	-
	21-end	38.1	-	10	6	7.1	-	+2.0	23	0	31.4	17.8	-1.4	23	1	-	-	1.26	-	09	-
	Month	83.1	70	17	10	7.5	-	-1.0	08	1	102.8	63.8	-7.0	08	5	-	-	1.34	-	09	-
Rosslare e Co. Wexford	1-10	28.2	-	3	1	7.3	-	+1.8	08	0	31.0	17.6	-0.7	08	1	6.4	-	2.13	-	7	0
	11-20	13.8	-	4	2	10.0	-	+5.4	11	0	56.5	39.8	+3.5	11	0	9.0	-	0.42	-	16	6
	21-end	40.5	-	8	5	8.3	-	+2.2	23	0	43.7	25.8	+0.2	23	0	7.6	-	1.24	-	17	5
	Month	82.5	83	15	8	8.5	+1.4	+1.8	08	0	131.2	83.2	-0.7	08	1	7.7	+1.7	1.26	67	14	11

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	-	4	0	0	5
	11-20	-	0	0	0	13
	21-end	-	4	0	0	24
	Month	-	8	-	-	-
Kinsealy Co. Dublin	1-10	2474	5	0	36	3
	11-20	2130	12	9	45	0
	21-end	1980	7	0	25	20
	Month	6584	24	-	-	-
Cahiriveen e (Valentia Obsy.) Co. Kerry	1-10	2036	0	0	0	18
	11-20	1194	7	0	0	28
	21-end	2010	0	0	0	13
	Month	5240	7	-	-	-
Kilkenny e Co. Kilkenny	1-10	2258	-	-	-	-
	11-20	1522	-	-	-	-
	21-end	1880	-	-	-	-
	Month	5660	-	-	-	-
Ballinamore Co. Leitrim	1-10	1805	0	0	0	10
	11-20	1409	4	0	0	23
	21-end	1543	0	0	0	7
	Month	4757	4	-	-	-
Glenamoy Co. Mayo	1-10	NA	6	0	0	2
	11-20	NA	2	0	0	42
	21-end	2434	6	0	0	13
	Month	-	14	-	-	-
Birr e Co. Offaly	1-10	2332	-	-	-	-
	11-20	1728	-	-	-	-
	21-end	1752	-	-	-	-
	Month	5812	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	0	0	0	24
	11-20	-	7	0	0	13
	21-end	-	2	0	0	37
	Month	-	9	-	-	-

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