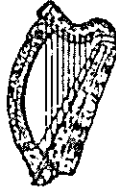


# METEOROLOGICAL SERVICE



## AGROMETEOROLOGICAL BULLETIN

APRIL 1981

### The Weather of April

High pressure dominated conditions from the 1st to the 9th. Apart from some showers on the 1st the weather was mostly dry and sunny except in the extreme southeast and south, where it proved to be very dull in this spell. Winds generally varied between southeast and northeast. Mean air temperature was near normal but ground frost occurred at night.

Spells of rain or drizzle occurred from the 10th to the 13th, and northeast winds were also strong and gusty on the 12th and 13th. Subsequently high pressure again became the dominant weather feature and continued to the 22nd. The period was dry, apart from a spell of rain in the west on the 17th, and it was sunny, especially from the 15th to 20th. Daily maximum temperatures were above normal except in eastern areas where cool onshore northeast winds dominated. Ground frost occurred on a number of nights.

A polar depression affected the country on the 23rd and 24th. Falls of sleet or snow lay on the ground for a spell over wide areas in the midlands, north and northwest. A cold northerly airflow, strong and gusty at times in the north and east, continued to the 27th. Ground frost occurred on most nights, which became sharp to severe in many places on the 26th. Mild weather returned on the 28th and there was rain at times in all areas, especially in western districts, up to the end of the month.

Monthly Amounts of Precipitation were well below normal everywhere except in the east. Most of the western half of the country received less than 50% of normal. Amounts varied from 24% of normal at Birr to 114% at Kinsealy, Co Dublin. The number of rain days was well below average. The most significant feature of the month was the wide-spread fall of snow on the 24th.

Mean Monthly Air Temperature was above normal everywhere except in areas near the east and south coasts. Values ranged from 0.7°C below normal at Casement to 0.9°C above normal at Shannon Airport. While the number of days with ground frost was below normal in the west and north midlands, the number in the east and southeast was above normal. The period from the 23rd to 26th was most severe on crops, there being extensive snow on the 23rd/24th and widespread air frost accompanied by sharp to severe ground frost on the 26th. Soil temperatures (100mm) varied from 0.1°C above normal at Mullingar 1.5°C above average at Malin Head.

Mean Duration of Bright Sunshine was above normal in most places for the first month since October or November. The southeast proved to be dullest relative to normal, there being only 85% of normal at Rosslare. Sunshine at Malin Head was 126% of normal and the average daily sunshine there during the second decade was 9.2 hours.

Gale Gusts occurred on the 12th, and from the 24th to the 27th.

Summary The month was dry and sunny with above normal temperatures in most places. However, it was rather cool with near normal rainfall in the east, and dull in the southeast.

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

April 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND				SOIL(10 CM)				MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (m <sup>-1</sup> )	DAYS WITH GALE GUSTS
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE				
Carlow (Oak Park) Co. Carlow	1-10	7.3	/	3	1	14.0	4.3	9.2	/	2.4	09	0	48	2	-0.5	08	1	/	/	3.56	/	3	/
	11-20	5.2	/	2	2	13.8	4.1	8.9	/	-0.5	19	1	54	3	-3.0	19	4	/	/	6.82	/	4	/
	21-end	32.4	/	5	4	11.1	3.0	7.2	/	-3.0	25	2	27	1	-5.0	24	4	/	/	3.89	/	4	/
	Month	44.9	/	10	7	13.0	3.8	8.4	/	-3.0	25	3	129	6	-5.0	24	9	/	/	4.76	/	4	/
Shannon Airport Co. Clare	1-10	7.5	-	4	2	14.7	6.5	10.6	-	4.0	09	0	62	10	0.5	04	0	10.9	-	4.38	-	3	0
	11-20	6.0	-	3	2	14.8	6.9	10.8	-	2.5	20	0	64	11	-1.3	20	1	11.1	-	5.50	-	4	1
	21-end	2.4	-	3	1	12.1	4.7	8.4	-	-0.1	26	1	40	4	-3.5	26	2	9.8	-	4.43	-	6	4
	Month	15.9	28	10	5	13.9	6.0	10.0	+0.9	-0.1	26	1	166	25	-3.5	26	3	10.6	+0.9	4.77	93	4	5
Fermoy (Moore Park) Co. Cork	1-10	17.3	-	4	3	13.0	4.1	8.6	/	1.8	05	0	42	2	-1.5	05	5	/	/	2.67	/	3	/
	11-20	7.9	-	3	2	13.3	3.7	8.5	/	-2.5	19	1	44	1	-7.6	19	6	/	/	5.73	/	4	/
	21-end	1.0	-	3	0	11.7	3.5	7.6	/	-0.9	26	1	32	3	-4.8	26	5	/	/	3.31	/	4	/
	Month	26.2	43	10	5	12.7	3.8	8.3	/	-2.5	19	2	118	6	-7.6	19	16	/	/	3.90	/	4	/
Mallow Co. Cork	1-10	13.0	-	3	1	13.5	5.6	9.6	/	2.5	05	0	52	5	1.5	09	0	/	/	2.32	/	3	/
	11-20	4.9	-	3	2	13.9	3.7	8.8	/	-1.9	20	3	45	2	-2.8	19	3	/	/	5.59	/	4	/
	21-end	0.0	-	0	0	11.7	3.6	7.7	/	-2.0	26	1	34	3	-4.7	26	6	/	/	4.25	/	4	/
	Month	17.9	28	6	3	13.0	4.3	8.7	/	-2.0	26	4	131	10	-4.7	26	9	/	/	4.05	/	4	/
Roche's Point Co. Cork	1-10	10.4	-	2	2	10.9	6.5	8.7	-	4.2	05	0	43	0	-1.0	09	1	10.1	-	2.13	-	3	1
	11-20	3.1	-	3	1	11.7	6.5	9.1	-	3.0	19	0	47	0	-2.5	19	3	10.6	-	6.37	-	6	4
	21-end	0.5	-	1	0	11.6	5.2	8.4	-	1.9	26	0	40	4	-1.8	21	3	10.6	-	6.31	-	7	5
	Month	14.0	25	6	3	11.4	6.1	8.7	-0.2	1.9	26	0	130	4	-2.5	19	7	10.4	+0.5	4.94	92	5	10
Glencolumbkille Co. Donegal	1-10	5.2	/	1	1	13.9	6.5	10.2	/	5.0	08	0	61	10	N/A	-	/	/	5.56	/	3	/	
	11-20	23.9	/	2	2	14.0	5.9	10.0	/	1.9	20	0	56	4	N/A	-	/	/	7.47	/	3	/	
	21-end	22.1	/	8	7	9.5	4.7	7.1	/	0.9	25	0	31	1	-3.6	23	5	/	/	4.81	/	3	/
	Month	51.2	/	11	10	12.4	5.7	9.1	/	0.9	25	0	148	15	N/A	-	/	/	5.95	/	3	/	
Glenties Co. Donegal	1-10	4.7	-	3	1	14.7	4.0	9.4	/	1.5	09	0	51	3	-3.7	09	5	/	/	4.65	/	3	/
	11-20	9.3	-	2	2	15.2	4.6	9.9	/	-1.2	20	1	53	5	-6.0	20	5	/	/	7.82	/	4	/
	21-end	27.4	-	8	6	10.4	2.3	6.4	/	-2.3	26	4	22	0	-8.7	25	6	/	/	3.74	/	4	/
	Month	41.4	50	13	9	13.4	3.7	8.6	/	-2.3	26	5	126	8	-8.7	25	16	/	/	5.40	/	4	/

Notes on the tables in January issue

TABLE 1 (Continued)

April 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAINF DAYS	WET DAYS	AIR							GROUND			SOIL (10 CM)				MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (MS <sup>-1</sup> )	DAYS WITH GALE GUSTS
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.0°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-JUL."*	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE				
Malin Head e Co. Donegal	1-10	4.0	-	2	2	11.1	5.4	8.3	-	4.2	08	0	39	0	-1.9	04	2	9.8	-	5.60	-	4	0
	11-20	0.6	-	1	0	12.4	6.1	9.2	-	2.5	20	0	48	5	-1.5	16	3	11.7	-	9.20	-	6	4
	21-end	32.2	-	7	5	8.7	5.1	6.9	-	1.3	24	0	26	0	0.5	24	0	9.3	-	4.62	-	8	6
	Month	36.8	61	10	7	10.8	5.5	8.2	+0.2	1.3	24	0	119	5	-1.9	04	5	10.3	+1.5	6.47	126	6	10
Casement Aerodrome Co. Dublin	1-10	8.4	-	3	3	12.6	3.2	7.9	-	0.1	09	0	35	1	-3.3	06	6	9.7	-	5.15	-	3	0
	11-20	11.2	-	3	1	12.2	3.6	7.9	-	-0.9	19	2	35	2	-4.2	19	5	9.5	-	7.33	-	4	0
	21-end	28.3	-	4	3	10.4	2.2	6.3	-	-3.2	23	2	23	3	-6.3	23	5	7.8	-	4.43	-	6	4
	Month	47.9	96	10	7	11.7	3.0	7.4	-0.7	-3.2	23	4	93	6	-6.3	23	16	9.0	-	5.64	109	4	4
Dublin Airport e Co. Dublin	1-10	9.4	-	2	1	11.7	5.1	8.4	-	4.2	09	0	40	1	-1.9	01	4	10.3	-	4.49	-	3	0
	11-20	7.2	-	3	2	11.4	5.7	8.5	-	3.7	20	0	41	1	-2.1	19	4	10.3	-	7.32	-	4	0
	21-end	32.4	-	4	2	10.2	3.7	7.0	-	0.1	23	0	28	4	-4.2	23	4	8.9	-	4.37	-	7	3
	Month	49.0	98	9	5	11.1	4.8	8.0	-0.2	0.1	23	0	109	6	-4.2	23	12	9.8	+0.6	5.39	100	5	3
Kinsealy Co. Dublin	1-10	11.6	-	3	1	10.9	4.6	7.8	/	1.6	08	0	36	0	-2.9	08	4	/	/	3.87	/	3	/
	11-20	7.0	-	3	3	11.2	3.7	7.5	/	1.0	20	0	32	0	-4.7	19	5	/	/	7.31	/	4	/
	21-end	36.5	-	4	4	10.4	4.6	7.5	/	-0.2	26	1	34	3	-2.2	21	3	/	/	4.36	/	5	/
	Month	55.1	114	10	8	10.8	4.3	7.6	/	-0.2	26	1	102	3	-4.7	19	12	/	/	5.18	/	4	/
Galway Co. Galway	1-10	3.2	-	1	1	14.2	5.7	9.9	-	3.4	09	0	55	7	0.8	09	0	11.1	-	5.61	-	3	0
	11-20	14.8	-	3	3	14.4	6.0	10.2	-	2.3	20	0	58	6	0.5	20	0	11.7	-	6.17	-	5	1
	21-end	8.7	-	2	1	11.8	4.5	8.2	-	1.0	26	0	38	4	-0.9	26	1	10.0	-	5.26	-	5	2
	Month	26.7	43	6	5	13.5	5.4	9.5	+0.4	1.0	26	0	151	17	-0.9	26	1	10.9	-	5.68	110	4	3
Killarney (Muokross Hse) Co. Kerry	1-10	9.1	/	3	2	13.9	5.8	9.9	/	2.6	08	0	58	8	-2.9	07	5	/	/	4.67	/	/	/
	11-20	5.5	/	2	2	13.7	6.0	9.9	/	0.6	19	0	56	6	-3.7	20	3	/	/	4.73	/	/	/
	21-end	3.4	/	3	2	11.3	4.8	8.1	/	0.1	26	0	42	3	-6.1	26	5	/	/	3.45	/	/	/
	Month	18.0	/	8	6	13.0	5.5	9.3	/	0.1	26	0	156	17	-6.1	26	13	/	/	4.28	/	/	/
Cahiriveen e (Valentia Obsy.) Co. Kerry	1-10	11.3	-	4	2	13.9	5.6	9.8	-	3.0	05	0	54	6	1.6	05	0	11.3	-	33.8	-	3	1
	11-20	12.0	-	6	3	13.8	6.7	10.3	-	1.1	19	0	59	7	-0.3	19	2	11.5	-	5.21	-	4	4
	21-end	6.5	-	5	4	11.3	5.9	8.6	-	2.7	26	0	42	2	0.1	21	0	10.8	-	5.13	-	6	4
	Month	29.8	35	15	9	13.0	6.1	9.6	+0.2	1.1	19	0	155	15	-0.3	19	2	11.2	+0.9	4.57	88	4	9

Notes on the tables in January issue



TABLE 1 (Continued)

April 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR							GROUND			SOIL(10 CM)				MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms <sup>-1</sup> )	DAYS WITH GALE GUSTS
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST °GRASS-MIN. °	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE				
Belmullet e Co. Mayo	1-10	4.8	-	2	1	13.3	6.3	9.8	-	4.4	03	0	54	4	1.1	03	0	10.9	-	5.16	-	4	0
	11-20	16.6	-	2	2	13.8	5.9	9.9	-	2.1	20	0	55	4	-1.0	20	2	11.2	-	5.72	-	6	2
	21-end	21.6	-	8	4	10.4	5.4	7.9	-	1.4	26	0	35	1	-0.9	26	1	10.2	-	4.11	-	7	3
	Month	43.0	67	12	7	12.5	5.9	9.2	+0.5	1.4	26	0	144	9	-1.0	20	3	10.8	+1.2	5.00	92	6	5
Claremorris e Co. Mayo	1-10	5.8	-	2	1	13.9	4.1	9.0	-	0.3	08	0	46	3	-1.6	08	2	9.6	-	4.77	-	2	0
	11-20	10.5	-	3	3	14.2	5.0	9.6	-	0.6	20	0	52	5	-1.7	20	1	10.4	-	5.79	-	4	1
	21-end	18.3	-	5	2	10.7	3.6	7.1	-	0.1	26	0	28	3	-2.5	26	4	9.0	-	4.50	-	5	2
	Month	34.6	52	10	6	12.9	4.2	8.6	+0.5	0.1	26	0	126	11	-2.5	26	7	9.7	+1.0	5.02	105	4	3
Glenamoy Co. Mayo	1-10	0.0	-	0	0	13.5	4.7	9.1	/	1.8	08	0	48	4	0.0	08	0	/	/	5.49	/	/	/
	11-20	24.0	-	3	3	14.3	5.2	9.8	/	-0.3	20	1	54	6	-2.4	20	2	/	/	5.28	/	/	/
	21-end	27.0	-	7	5	10.5	5.0	7.8	/	0.5	26	0	37	1	-2.0	26	1	/	/	4.23	/	/	/
	Month	51.0	62	10	8	12.8	4.9	8.9	/	-0.3	20	1	139	11	-2.4	20	3	/	/	8.84	/	/	/
Dunsany (Grange) Co. Meath	1-10	4.0	-	2	2	12.7	3.0	7.9	/	-1.2	09	1	43	1	-4.6	09	7	/	/	5.49	/	/	/
	11-20	2.1	-	3	2	12.0	3.3	7.7	/	-1.7	20	3	37	0	-7.1	20	5	/	/	6.73	/	/	/
	21-end	23.2	-	4	2	10.1	2.4	6.3	/	-2.6	23	3	22	1	-9.0	23	5	/	/	4.55	/	/	/
	Month	29.3	54	9	6	11.6	2.9	7.3	/	-2.6	23	7	102	2	-9.0	23	17	/	/	5.59	/	/	/
Clones e Co. Monaghan	1-10	4.5	-	1	1	13.9	4.9	9.4	-	2.5	04	0	50	2	0.4	04	0	9.5	-	4.38	-	2	0
	11-20	14.3	-	1	1	14.0	4.4	9.2	-	1.6	20	0	48	3	-2.3	20	3	10.0	-	7.09	-	4	1
	21-end	11.4	-	4	4	10.0	3.2	6.6	-	-1.5	26	2	25	2	-5.0	26	2	8.7	-	4.36	-	5	3
	Month	30.2	55	6	6	12.7	4.2	8.5	+0.6	-1.5	26	2	123	7	-5.0	26	5	9.4	+0.8	5.28	116	4	4
Birr e Co. Offaly	1-10	3.0	-	3	1	14.1	5.0	9.6	-	2.6	06	0	52	5	-0.8	06	3	10.9	-	4.74	-	2	0
	11-20	2.6	-	2	1	14.3	5.1	9.7	-	0.7	20	0	53	7	-2.4	19	3	11.6	-	6.26	-	3	1
	21-end	7.8	-	5	1	12.1	3.1	7.6	-	-1.6	26	1	33	4	-7.5	26	5	10.0	-	3.94	-	5	3
	Month	13.4	24	10	3	13.5	4.4	9.0	+0.6	-1.6	26	1	138	16	-7.5	26	11	10.8	+1.4	4.98	99	3	4
Thurles Co. Tipperary	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

April 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND			SOIL (10 CM)				MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms <sup>-1</sup> )	DAYS WITH GALE GUSTS	
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.0°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY					DIFFERENCE FROM AVERAGE
Dungarvan (Ballygagin) Co. Waterford	1-10	11.5	-	2	2	12.6	5.5	9.1	/	1.8	06	0	47	2	2.0	06	3	/	/	2.79	/	/	/
	11-20	8.3	-	3	2	12.6	6.0	9.3	/	0.5	19	0	49	4	-2.5	19	5	/	/	6.20	/	/	/
	21-end	3.3	-	2	2	12.3	4.2	8.3	/	0.7	26	0	39	1	-2.6	23	4	/	/	6.24	/	/	/
	Month	23.1	33	7	6	12.5	5.2	8.9	/	0.5	19	0	135	7	-2.6	23	12	/	/	5.08	/	/	/
Mullingar e Co. Westmeath	1-10	5.5	-	1	1	13.4	4.1	8.8	-	-0.6	09	1	44	2	-2.1	09	2	9.3	-	5.02	-	3	0
	11-20	4.0	-	1	1	13.0	4.7	8.9	-	0.7	19	0	45	2	-2.4	19	3	9.4	-	6.89	-	4	1
	21-end	23.0	-	5	5	10.3	3.3	6.8	-	0.2	26	0	25	3	-2.8	23	4	8.0	-	4.95	-	5	2
	Month	32.5	52	7	7	12.2	4.0	8.1	+0.2	-0.6	09	1	114	7	-2.8	23	9	8.9	+0.1	5.62	112	4	3
Campile (Ballysop) Co. Wexford	1-10	13.1	-	2	1	12.4	5.1	8.8	/	3.4	05	0	44	2	-2.6	05	3	/	/	3.10	/	/	/
	11-20	9.1	-	3	3	13.4	5.3	9.4	/	0.5	19	0	51	3	-4.9	19	3	/	/	6.78	/	/	/
	21-end	11.7	-	2	2	11.6	3.7	7.7	/	0.3	26	0	32	1	-3.5	26	6	/	/	5.34	/	/	/
	Month	33.9	56	7	6	12.4	4.7	8.6	/	0.3	26	0	127	6	-4.9	19	12	/	/	4.91	/	/	/
Clonroche Co. Wexford	1-10	14.7	-	4	2	12.3	4.1	8.2	/	2.0	08	0	38	1	-3.5	05	7	/	/	3.60	/	/	/
	11-20	7.4	-	2	2	12.3	4.7	8.5	/	0.6	19	0	41	2	-6.5	19	5	/	/	7.60	/	/	/
	21-end	18.1	-	2	2	11.2	3.4	7.3	/	-0.3	26	1	29	1	-6.4	23	5	/	/	5.91	/	/	/
	Month	40.2	58	8	6	11.9	4.1	8.0	/	-0.3	26	1	108	4	-6.5	19	17	/	/	5.52	/	/	/
Johnstown Castle Co. Wexford	1-10	12.9	-	4	3	10.8	5.3	8.1	/	3.6	07	0	37	0	-2.2	07	4	/	/	2.40	/	3	/
	11-20	7.5	-	3	3	11.3	5.7	8.5	/	2.0	19	0	41	1	-3.0	19	1	/	/	7.40	/	4	/
	21-end	19.8	-	4	3	11.0	3.5	7.3	/	-1.1	25	2	29	0	-2.6	25	6	/	/	5.17	/	4	/
	Month	40.2	60	11	9	11.0	4.8	7.9	/	-1.1	25	2	107	1	-3.0	19	11	/	/	4.99	/	4	/
Rosslare e Co. Wexford	1-10	9.3	-	2	2	10.4	6.9	8.6	-	5.9	01	0	42	1	1.6	08	0	10.3	-	2.60	-	4	0
	11-20	6.6	-	4	4	10.8	7.3	9.1	-	4.1	19	0	47	1	0.0	19	0	10.7	-	7.40	-	7	3
	21-end	30.1	-	5	4	10.5	5.3	7.9	-	1.2	25	0	35	5	-1.6	21	1	9.7	-	4.96	-	8	4
	Month	46.0	85	11	10	10.6	6.5	8.5	-0.3	1.2	25	0	124	7	-1.6	21	1	10.2	+0.2	4.99	85	6	7

Notes on the tables in January issue

TABLE 2

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

April 1981

STATION	PERIOD	SOLAR RADIATION	P.E. (mm)	SOIL MOISTURE (mm)		
		Amount Joule/cm <sup>2</sup>	Amount	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10		12	11	11	-
	11-20	-	19	8	19	-
	21-end		24	-	10	9
	Month		55	-	-	-
Kinsealy* Co. Dublin	1-10	11585	8	7	7	-
	11-20	13932	15	-	4	3
	21-end	11624	21	-	0	15
	Month	37141	44	-	-	-
Cahiriveen e (Valentia Obsy.) Co. Kerry	1-10	12082	16	7	7	-
	11-20	12876	9	-	0	7
	21-end	15573	24	18	18	-
	Month	40531	49	-	-	-
Kilkenny e Co. Kilkenny	1-10	12470				
	11-20	15072				
	21-end	14770	-	-	-	-
	Month	42312				
Ballinamore Co. Leitrim	1-10		9	9	9	-
	11-20		19	6	15	-
	21-end	-	17	5	20	-
	Month		45	-	-	-
Glenamoy <sup>h</sup> Co. Mayo	1-10		11	12	12	-
	11-20		24	0	12	-
	21-end	-	15	-	0	12
	Month		50	-	-	-
Birr e Co. Offaly	1-10	12076				
	11-20	13450				
	21-end	12509	-	-	-	-
	Month	38035				
Johnstown Castle Co. Wexford	1-10					
	11-20		N/A	N/A	N/A	N/A
	21-end	-				
	Month					

\*, <sup>h</sup>, See notes in January issue.