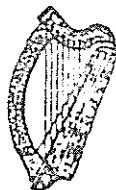


METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

AUGUST 1981

The Weather of August

The weather was dry and sunny almost everywhere on the 1st and 2nd. Heavy rain occurred in the northwestern half of the country on the 3rd, associated with a weakening frontal system, while amounts of rain in the south and east were small. Subsequently a ridge of high pressure dominated and most places were without rain except for spells on the 8th and on either the 12th or 13th, moderate to heavy falls occurring in all areas on both occasions. The latter spell was also warm and close.

The weather was mainly fine everywhere from the 13th to 16th, but cloud increased slowly from the west on the 17th. Patches of rain and drizzle occurred from the 18th to 22nd and a westerly airflow set in. Thereafter high pressure dominated to the end of the month and the weather was dry, apart from the 29th, when heavy falls of rain occurred. Much of the last spell was humid, however, and extensive fog banks, especially persistent in coastal areas of the south and east, affected the country for long periods from the 26th to 30th.

Monthly Amounts of Precipitation were well below normal in all areas; it was exceptionally dry in the southeast and east. Amounts ranged from over 70% in the extreme north to 12-15% in the east and southeast. Spells of weather favourable to the spread of potato blight occurred between the 10th and 15th, and on the 20th and 21st. Because of the lack of precipitation in many places during the last decade of the month, the number of effective blight hours at stations in this decade was not as great as might otherwise have been, considering the presence of extensive fog. An other interesting affect arising from the presence of persistent sea fog in eastern coastal areas was the low potential evapotranspiration recorded at Kinsealy during the final decade.

Mean Monthly Air Temperature was above normal almost everywhere. Values varied from normal at Malin Head to 1.4°C above normal at Shannon Airport. Mean monthly soil temperature (100mm) ranged from 0.7°C above normal at a number of stations in the north midlands to 2.6°C above in the south midlands. Large soil moisture deficits in the east, south and south midlands throughout the month considerably limited grass growth. Soil moisture was however adequate in western and northern regions to provide good growth.

Mean Duration of Bright Sunshine varied from 72% of normal at Birr to 106% of normal at Malin Head. For much of the country the mean duration averaged about 82%.

Gale Gusts or strong winds were absent during the month.

Summary It was a very dry month in all areas away from the west and northwest. It was also dull except in some coastal areas in the north and south. Temperatures were generally well above normal. For the fourth successive summer (June to August) sunshine duration was well below normal in most places.

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

August 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 ⁻¹)	DAYS WITH GALE GUSTS		
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST DEGREE DAYS ABOVE 2.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY					DIFFERENCE FROM AVERAGE	
																							MEAN DAILY
Carlow (Oak Park) Co. Carlow	1-10	2.0	/	1	1	20.5	10.1	15.3	/	5.6	01	0	109	53	2.0	09	0	/	/	5.27	/	/	/
	11-20	10.1	/	3	2	20.4	12.4	16.4	/	5.8	17	0	120	64	1.5	17	0	/	/	4.02	/	/	/
	21-end	0.3	/	1	0	22.8	12.9	17.9	/	10.1	25	0	148	87	4.3	21	0	/	/	3.70	/	NA	/
	Month	12.4	/	5	3	21.3	11.8	16.6	/	5.6	01	0	377	204	1.5	17	0	/	/	4.31	/	/	/
Shannon Airport Co. Clare	1-10	5.4	-	3	2	20.0	11.1	15.2	-	7.0	01	0	111	55	3.6	01	0	18.1	-	4.88	-	7	0
	11-20	12.2	-	5	2	19.9	14.1	17.0	-	13.1	16	0	126	70	9.3	17	0	18.7	-	4.00	-	8	2
	21-end	9.6	-	4	2	22.1	14.4	18.3	-	12.3	25	0	153	91	8.6	25	0	19.1	-	3.84	-	6	0
	Month	27.2	33	12	6	20.7	13.3	17.0	+1.4	7.0	01	0	390	216	3.6	01	0	18.6	+1.9	4.23	85	7	2
Fermoy (Moore Park) Co. Cork	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Mallow Co. Cork	1-10	4.7	-	3	2	20.1	6.3	13.2	/	NA	-	/	NA	NA	/	/	/	/	/	4.61	/	/	/
	11-20	4.8	-	4	2	20.3	11.0	15.6	/	5.5	17	/	112	56	/	/	/	/	/	3.33	/	/	/
	21-end	0	-	0	0	22.6	11.2	16.9	/	7.1	25	/	133	77	NA	/	/	/	/	3.63	/	/	/
	Month	9.5	11	7	4	21.0	9.5	15.3	/	-	-	/	-	-	/	/	/	/	/	3.85	/	/	/
Roche's Point Co. Cork	1-10	3.1	-	4	1	18.7	11.2	15.0	-	9.1	10	0	106	50	5.9	10	0	17.3	-	6.85	-	7	0
	11-20	14.5	-	3	2	19.1	13.6	16.4	-	11.2	17	0	120	64	5.5	17	0	17.2	-	4.37	-	8	1
	21-end	1.1	-	1	1	20.4	14.3	17.3	-	13.0	21	0	142	81	9.1	29	0	18.3	-	5.65	-	6	0
	Month	18.7	25	8	4	19.4	13.1	16.3	+0.8	9.1	10	0	368	195	5.5	17	0	17.6	+1.2	5.63	99	7	1
Glencolumbkille Co. Donegal	1-10	22.4	/	6	5	17.4	10.8	14.1	/	8.0	02	0	97	41	4.0	02	0	/	/	4.96	/	/	/
	11-20	42.0	/	9	8	16.7	11.6	14.2	/	8.0	15	0	98	42	3.2	16	0	/	/	1.60	/	/	/
	21-end	14.4	/	6	5	19.2	13.3	16.3	/	8.5	26	0	134	78	4.0	26	0	/	/	4.37	/	/	/
	Month	78.8	/	21	18	17.8	12.0	14.9	/	8.0	02	0	326	153	4.0	02	0	/	/	3.67	/	/	/
Glenties Co. Donegal	1-10	12.6	-	5	4	18.1	9.5	13.8	/	6.3	02	0	94	38	2.0	01	0	/	/	4.30	/	/	/
	11-20	29.7	-	7	6	16.9	10.6	13.8	/	3.2	16	0	94	38	-0.5	16	1	/	/	1.47	/	/	/
	21-end	23.1	-	6	4	19.9	12.5	16.2	/	6.0	26	0	130	68	-4.0	26	0	/	/	4.98	/	/	/
	Month	65.4	52	18	14	18.1	10.9	14.6	/	3.2	16	0	318	144	-0.5	15	1	/	/	3.63	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

August 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														MONTHLY SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR					GROUND				SOIL (10 CM)					MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (MS ⁻¹)	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-TIE," °C	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE				
Malin Head Co. Donegal	1-10	13.8	-	5	3	16.8	10.8	13.8	-	7.4	02	0	94	36	5.2	02	0	17.1	-	6.02	-	10	0
	11-20	47.9	-	7	6	16.1	11.9	14.0	-	8.8	17	0	96	40	5.5	17	0	15.3	-	1.99	-	12	1
	21-end	9.8	-	4	3	17.3	12.4	14.8	-	10.0	26	0	115	53	6.9	27	0	17.1	-	6.92	-	1	0
	Month	71.5	96	16	12	16.9	11.7	14.2	+0.0	7.4	02	0	306	131	5.2	02	0	16.5	+1.4	5.96	106	10	1
Casement Aerodrome Co. Dublin	1-10	1.8	-	1	1	20.6	10.1	19.3	-	4.2	01	0	109	53	0.5	01	0	17.0	-	5.37	-	6	0
	11-20	6.5	-	3	2	20.0	12.0	18.0	-	6.3	16	0	116	60	1.4	16	0	17.7	-	3.43	-	9	1
	21-end	0.8	-	1	0	21.1	12.1	18.6	-	7.6	28	0	134	73	5.7	28	0	19.7	-	4.08	-	7	0
	Month	9.1	12	5	3	20.6	11.4	16.0	+1.1	4.2	01	0	352	186	0.5	01	0	17.8	-	4.29	84	7	1
Dublin Airport Co. Dublin	1-10	1.4	-	1	1	19.6	11.4	15.9	-	7.0	01	0	111	59	4.1	01	0	19.2	-	5.90	-	6	0
	11-20	9.2	-	4	3	19.3	12.6	16.0	-	8.1	16	0	116	60	4.6	16	0	18.4	-	4.01	-	8	1
	21-end	1.0	-	2	0	20.0	13.3	16.6	-	10.5	21	0	134	73	7.5	28	0	18.7	-	3.70	-	6	0
	Month	11.6	15	7	4	19.7	12.5	16.1	+1.1	7.0	01	0	361	189	4.1	01	0	18.8	+2.3	4.54	89	7	1
Kinscally Co. Dublin	1-10	1.4	-	1	1	19.6	10.5	15.1	-	5.4	02	0	107	51	3.2	01	0	/	-	6.20	-	2	/
	11-20	10.6	-	4	3	19.6	12.2	15.9	-	7.0	17	0	119	59	5.0	17	0	/	-	4.04	-	3	/
	21-end	2.0	-	2	1	19.5	12.9	16.2	-	10.6	28	0	130	63	5.4	28	0	/	-	3.05	-	3	/
	Month	14.8	20	7	5	19.6	11.2	15.7	-	5.4	02	0	352	177	3.2	01	0	/	-	4.39	-	3	/
Galway Co. Galway	1-10	25.0	-	6	4	18.0	11.2	14.6	-	7.9	01	0	102	41	5.5	02	0	17.4	-	4.96	-	7	0
	11-20	27.4	-	4	2	18.0	13.4	15.7	-	11.8	15	0	113	51	10.2	15	0	17.4	-	3.53	-	8	1
	21-end	12.8	-	4	2	20.9	14.2	17.5	-	12.2	21	0	144	81	10.0	21	0	18.7	-	3.66	-	7	0
	Month	65.2	67	14	8	19.0	13.0	16.0	+0.6	7.9	01	0	359	183	5.5	02	0	17.8	-	4.04	81	7	1
Killarney (Muckross Hse) Co. Kerry	1-10	3.9	/	3	2	NA	9.5	-	/	5.9	10	0	NA	NA	2.5	01	0	/	-	4.13	-	/	/
	11-20	11.4	/	5	3	19.8	13.8	16.8	/	10.2	16	0	121	60	5.0	16	0	/	-	2.79	-	/	/
	21-end	4.6	/	2	1	21.6	13.9	17.8	/	10.3	25	0	147	85	6.3	27	0	/	-	4.09	-	/	/
	Month	19.9	/	10	6	-	12.5	-	/	6.3	10	0	-	-	2.5	01	0	/	-	3.68	-	/	/
Cahiriveen (Valentia Obey.) Co. Kerry	1-10	17.3	-	6	4	18.1	10.8	14.4	-	8.7	02	0	101	45	5.4	06	0	17.9	-	5.29	-	8	0
	11-20	17.5	-	5	3	18.5	13.9	16.2	-	10.4	16	0	119	63	8.4	16	0	18.1	-	3.64	-	8	1
	21-end	18.3	-	5	3	20.8	14.2	17.5	-	11.8	25	0	144	82	8.4	27	0	18.5	-	4.11	-	6	0
	Month	53.1	53	16	10	19.2	13.0	16.1	+0.7	8.7	02	0	364	190	5.4	06	0	18.2	+1.7	4.34	89	7	1

Notes on the tables in January issue

TABLE 1 (Continued)

August 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WTND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR							GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms-1)	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 Co. Mayo	1-10	20.2	-	4	3	17.0	10.9	13.9	-	8.0	06	0	95	39	3.7	06	0	17.1	-	5.65	-	11	2
	11-20	32.6	-	6	4	16.5	11.7	14.1	-	6.2	16	0	97	41	2.8	16	0	16.2	-	1.14	-	11	2
	21-end	2.8	-	4	0	19.7	13.8	16.7	-	11.3	27	0	136	74	8.6	27	0	17.8	-	3.54	-	9	0
	Month	55.6	60	14	7	17.8	12.2	15.0	+0.3	6.2	16	0	328	154	2.8	16	0	17.1	+1.1	3.45	67	10	4
Claremorris Co. Mayo	1-10	16.3	-	5	4	18.5	9.7	14.1	-	5.8	02	0	97	41	3.0	01	0	15.9	-	3.83	-	7	0
	11-20	17.7	-	4	2	18.2	12.3	15.2	-	7.6	16	0	108	52	3.1	16	0	16.3	-	2.82	-	8	1
	21-end	4.9	-	1	1	21.2	13.4	17.3	-	10.6	27	0	142	81	8.0	27	0	17.3	-	3.75	-	6	0
	Month	38.9	40	10	7	19.4	11.8	15.6	+1.2	5.8	02	0	347	174	3.0	01	0	16.5	+1.0	3.48	81	7	1
Glenamoy Co. Mayo	1-10	23.7	-	5	4	17.8	9.9	13.9	/	4.4	06	0	95	39	3.2	06	0	/	/	4.82	/	/	/
	11-20	35.7	-	8	7	16.9	11.5	14.2	/	4.4	16	0	98	42	1.9	16	0	/	/	1.33	/	/	/
	21-end	6.1	-	4	3	19.8	13.7	16.0	/	10.5	27	0	136	75	9.0	27	0	/	/	3.62	/	NA	/
	Month	65.5	58	17	14	18.2	11.8	15.0	/	4.4	06	0	329	156	1.9	16	0	/	/	3.27	/	NA	/
Dunsany (Grange) Co. Meath	1-10	4.0	-	3	2	19.2	9.4	14.3	/	4.2	01	0	99	43	0.6	01	0	/	/	4.49	/	/	/
	11-20	10.5	-	6	4	19.1	11.5	15.3	/	4.6	16	0	109	43	0.0	16	0	/	/	3.34	/	NA	/
	21-end	0.9	-	3	0	20.5	11.5	16.0	/	7.0	28	0	128	66	4.0	27	0	/	/	3.73	/	NA	/
	Month	15.4	18	12	6	19.6	10.8	15.2	/	4.2	01	0	336	162	0.0	16	0	/	/	3.85	/	NA	/
Clones Co. Monaghan	1-10	15.9	-	4	4	18.7	9.8	14.3	-	5.8	01	0	99	43	1.3	01	0	16.4	-	4.31	-	5	0
	11-20	8.3	-	6	2	18.1	11.8	15.0	-	7.1	16	0	106	50	2.3	17	0	16.1	-	2.95	-	7	1
	21-end	6.4	-	1	1	20.5	12.5	16.5	-	9.5	27	0	133	72	7.4	27	0	16.6	-	3.65	-	5	0
	Month	30.6	32	11	7	19.1	11.4	15.3	+1.0	5.8	01	0	338	165	1.3	01	0	16.4	+0.7	3.64	93	6	1
Birr Co. Offaly	1-10	6.7	-	3	2	19.4	9.1	14.3	-	5.4	01	0	99	43	1.0	01	0	17.9	-	4.17	-	4	0
	11-20	9.7	-	3	2	19.7	12.6	16.2	-	7.8	17	0	118	62	2.9	17	0	18.4	-	3.13	-	5	1
	21-end	6.8	-	1	1	21.7	13.2	17.4	-	9.4	27	0	144	82	6.3	25	0	18.8	-	3.43	-	4	0
	Month	23.2	28	7	5	20.3	11.7	16.0	+0.9	5.4	01	0	361	187	1.0	01	0	18.4	+1.9	3.57	72	4	1
Thurles Co. Tipperary	1-10		-						-									/	/	/	/	/	/
	11-20		-						-									/	/	/	/	/	/
	21-end		-						-									/	/	/	/	/	/
	Month		-						-									/	/	/	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

August 1951

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 ⁻¹)	DAYS WITH GALE GUSTS	
						MEAN MAX.	MEAN MTH.	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
Dungarvan (Ballygagin) Co. Waterford	1-10	16.3		3	2	20.7	11.0	15.8	/	8.6	10	0	NA	NA	2.2	10	0	/	/	4.91	/	/	/
	11-20	9.4		NA	NA	NA	NA	-	/	NA		NA	NA	NA	NA		NA	/	/	NA	/	/	/
	21-end	30.4		NA	NA	NA	NA	-	/	NA		NA	NA	NA	NA		NA	/	/	NA	/	/	/
	Month	55.3	35	-	-	-	-	-	-	-	-	-	-	-	NA	-	-	-	-	-	NA	-	-
Mullingar Co. Westmeath	1-10	12.6	-	2	2	13.9	9.5	14.2	-	7.2	02	0	98	42	5.0	09	0	16.5	-	4.68	-	5	0
	11-20	15.2	-	4	3	13.3	11.4	15.1	-	5.5	17	0	107	51	4.5	16	0	16.7	-	3.64	-	7	1
	21-end	2.2	-	3	1	20.5	12.2	16.3	-	10.1	27	0	131	70	3.4	28	0	16.9	-	3.60	-	5	0
	Month	30.0	34	9	6	19.4	11.1	15.2	+1.0	5.6	17	0	336	163	4.5	16	0	16.7	+0.7	3.96	85	6	1
Campile (Ballysop) Co. Wexford	1-10	1.2		1	1	20.1	8.7	14.4	/	4.5	07	0	100	44	2.1	03	0	/	/	5.23	/	/	/
	11-20	10.3		3	2	19.4	8.7	14.0	/	3.5	19	0	97	41	-1.5	19	-	/	/	4.32	/	/	/
	21-end	11.4		1	1	21.2	9.0	14.6	/	2.5	01	0	113	51	-3.2	21	3	/	/	3.70	/	NA	/
	Month	22.9	27	5	4	20.2	9.4	14.3	/	2.5	01	0	310	136	-3.2	21	-	-	-	4.39	/	/	/
Clonroche Co. Wexford	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	NOT AVAILABLE	/	/	/	/	/	/	/	/	/	/	/	/	/
Johnstown Castle Co. Wexford	1-10	6.5	-	1	0	18.9	11.7	15.3	/	7.6	01	0	109	53	5.0	01	0	/	/	6.31	/	3	/
	11-20	13.3	-	3	2	18.8	13.0	15.9	/	8.9	17	0	115	59	3.0	17	0	/	/	4.56	/	3	/
	21-end	0.2	-	0	0	20.8	13.4	17.1	/	10.0	01	0	140	70	3.6	01	0	/	/	4.14	/	1	/
	Month	14.0	16	4	2	19.5	12.7	16.1	/	7.5	01	0	364	188	3.9	17	0	-	-	5.33	/	2	/
Roslare Co. Wexford	1-10	0.8	-	1	0	19.1	12.0	15.5	-	9.3	01	0	111	55	2.2	10	0	18.2	-	6.93	-	9	0
	11-20	10.3	-	3	2	19.0	13.1	16.2	-	10.5	17	0	110	62	3.3	17	0	18.5	-	5.24	-	8	0
	21-end	0.0	-	0	0	19.7	11.0	16.0	-	11.0	21	0	137	70	2.0	21	0	17.2	-	5.05	-	5	0
	Month	11.1	16	5	2	19.0	13.5	15.2	+0.8	9.8	01	0	366	193	3.1	17	0	18.9	+1.6	5.72	39	8	0

None on the subject in January issue

TABLE 2

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

August 1981

STATION	PERIOD	SOLAR RADIATION	P. E. (mm)	SOIL MOISTURE (mm)		
		Amount Joule/cm ²	Amount	Deficit	Accumulated Deficit	Surplus
Garlow (Oak Park) Co. Carlow	1-10		29	20	71	-
	11-20		24	3	74	-
	21-end	-	23	12	86	-
	Month		76	-	-	-
Kinsealy* Co. Dublin	1-10	15513	29	17	81	-
	11-20	11699	20	-	79	2
	21-end	13228	13	3	82	-
	Month	40440	62	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	17098	24	6	24	-
	11-20	14292	17	0	24	-
	21-end	14271	14	-	19	5
	Month	45661	55	-	-	-
Kilkenny e Co. Kilkenny	1-10	16656				
	11-20	14387				
	21-end	14748	-	-	-	-
	Month	45791				
Ballinamore Co. Leitrim	1-10		20	-	1	3
	11-20		12	-	0	1
	21-end	-	12	11	11	-
	Month		44	-	-	-
Glenamoy ^h Co. Mayo	1-10		30	6	6	-
	11-20		12	-	0	23
	21-end	-	18	12	12	-
	Month		60	-	-	-
Birr e Co. Offaly	1-10	14169				
	11-20	12062				
	21-end	12432	-	-	-	-
	Month	38663				
Johnstown Castle Co. Wexford	1-10		37	20	90	-
	11-20		29	-	86	4
	21-end	-	40	15	101	-
	Month		106	-	-	-

*, ^h, See notes in January issue.