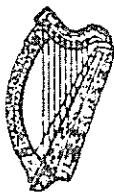


METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

SEPTEMBER 1980

The Weather of September

A ridge of high pressure on the 1st was quickly replaced by a spell of warm and humid conditions on the 2nd and 3rd. In this period there were prolonged spells of heavy rain in many western and northern areas but amounts in southern, eastern and in the midland regions were generally slight. Changeable weather occurred from the 4th to the 7th. Outbreaks of rain were frequent in all areas and amounts in western and southwestern regions were particularly heavy on the 4th.

A west to northwest airflow set in on the 8th. Frequent frontal passages over the following week brought showers and outbreaks of rain to all areas. Maximum daytime temperatures were generally below normal in this spell. With a slight backing of the prevailing winds to southwest or west maximum temperatures recovered to near the normal values but the broken pattern of weather was continued up to the 23rd. Heavy falls of rain occurred in many areas on most days. In particular rain was widespread and heavy on the 21st, especially in southern and eastern regions.

A rise in pressure on the 23rd was generally maintained for the rest of the month. Daily rainfall amounts in most areas were considerably less although the occasional wet day still occurred in this period. It was a little cooler and slight frost occurred in some sheltered areas inland.

Monthly Amounts of Precipitation were above normal everywhere except in the east and southeast. Amounts varied from about 180% of normal in parts of the west and southwest to 98% of normal at Casement. Generally the wettest days occurred on the 4th and 21st and the wettest spell occurred between the 15th and 22nd. The number of wet days was well above average almost everywhere and exceptionally well above average in parts of the west and northwest - 27 wet days occurred at Glenamoy and at Malin Head. The accumulation of weather suitable to the spread of potato blight, especially in the earlier part of the month, was well above average.

Mean Monthly Air Temperature was above normal nearly everywhere and well above normal in most inland areas. Temperatures varied from 1.1°C above normal at Dublin Airport to about normal at Cahirciveen. Mean soil temperatures (at 100mm) were also above normal nearly everywhere, varying from 0.6°C above normal in the east and north to 0.3°C below normal at Shannon Airport. Slight ground frost occurred in a few sheltered areas during the last decade of the month.

Mean Duration of Bright Sunshine was below normal except in the north-midlands. It varied from 100% of normal at Clones to 68% of normal at Cahirciveen. In general the second decade of the month was dullest but in western and northern regions the first decade proved to be dullest.

Gale gusts were frequent throughout the month and were more widespread on the 6th, 7th, from the 10th to the 13th, the 18th, 21st and 22nd. Thunderstorms were reported on the 12th, 16th and 21st.

Summary. The weather was generally broken throughout most of the month. It was the second wettest September in the Cahirciveen areas since 1875. The combined total amounts there for July to September was 520mm.

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.

September, 1980

TABLE 1

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C										BRIGHT SUNSHINE		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	MEAN MAX.	MEAN MIN.	AIR		GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms⁻¹)	DAYS WITH GALE GUSTS	
								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
Carlow (Oak Park) Co. Carlow	1-10	23.4	-	6	5	18.2	11.6	14.9	-	8.5 09	0	105	49	5.5 09	0	/	3.65	4
	11-20	62.2	-	9	8	17.3	11.8	14.6	-	9.0 17	0	102	46	5.0 17	0	/	2.59	5
	21-end	26.8	-	6	4	16.0	8.2	12.1	-	4.3 29	0	77	21	0.0 29	0	/	3.30	3
	Month	112.4	-	21	17	17.2	10.5	13.9	-	4.3 29	0	284	116	0.0 29	0	/	3.18	4
Shannon Airport Co. Clare	1-10	35.2	-	5	4	18.2	13.0	15.6	-	10.8 09	0	112	56	8.0 09	0	15.6 -	3.40	6
	11-20	62.1	-	9	9	17.6	12.5	15.0	-	11.6 20	0	107	51	9.1 13	0	14.4 -	3.32	7
	21-end	27.8	-	8	6	16.3	9.5	12.9	-	5.8 28	0	85	29	0.4 28	0	13.1 -	3.18	4
	Month	125.1	144	22	19	17.4	11.7	14.6	+0.9	5.8 28	0	304	136	0.4 28	0	14.3 -0.3	3.30	84
Fermoy (Moore Park) Co. Cork	1-10	26.7	-	6	5	17.8	11.5	14.7	-	6.5 09	0	103	47	4.8 08	0	/	3.26	4
	11-20	58.4	-	8	8	17.6	11.7	14.7	-	7.5 17	0	103	47	5.2 17	0	/	3.12	4
	21-end	30.4	-	7	4	16.0	7.1	11.6	-	1.8 29	0	72	16	0.3 29	0	/	3.03	2
	Month	115.5	-	21	17	17.1	10.1	13.6	-	1.8 29	0	278	110	0.3 29	0	/	3.14	3
Mallow Co. Cork	1-10	24.1	-	7	5	17.8	NA	-	-	NA	-	-	-	5.7 08	0	/	3.07	/
	11-20	55.9	-	9	8	17.8	11.3	14.6	-	8.9 17	0	102	46	6.2 17	0	/	3.00	/
	21-end	25.7	-	5	4	15.9	7.7	11.8	-	2.5 29	0	74	18	NA	-	/	2.76	/
	Month	105.7	109	21	17	17.2	-	-	-	-	-	-	-	-	-	/	2.94	/
Roche's Point Co. Cork	1-10	18.2	-	6	4	17.2	12.9	15.0	-	10.1 09	0	107	51	7.4 08	0	15.7 -	4.81	7
	11-20	35.2	-	6	6	16.3	12.1	14.2	-	10.7 17	0	98	42	8.5 13	0	14.6 -	3.90	7
	21-end	58.5	-	4	4	15.6	10.1	12.8	-	7.2 29	0	85	29	4.0 29	0	13.6 -	3.75	5
	Month	111.9	129	16	14	16.4	11.7	14.1	+0.1	7.2 29	0	290	122	4.0 29	0	14.6 +0.1	4.15	99
Glencolumbkille Co. Donegal	1-10	140.5	-	10	10	16.0	12.2	14.1	-	10.1 09	0	97	41	5.0 10	0	/	2.32	4
	11-20	98.2	-	9	9	16.4	11.6	14.0	-	10.0 13	0	96	40	5.2 20	0	/	2.92	5
	21-end	48.4	-	10	8	15.3	10.5	12.9	-	8.0 27	0	85	29	1.5 21	0	/	3.32	4
	Month	287.1	-	29	27	15.9	11.4	13.7	-	8.0 27	0	278	110	1.5 21	0	/	2.85	4
Glenties Co. Donegal	1-10	106.3	-	10	10	16.3	11.9	14.1	-	7.8 09	0	97	41	4.7 09	0	/	2.52	/
	11-20	91.4	-	9	8	16.7	10.8	13.8	-	7.5 14	0	94	38	2.5 14	0	/	3.18	/
	21-end	31.9	-	10	8	15.3	8.1	11.7	-	4.5 28	0	73	17	-0.5 27	2	/	2.82	/
	Month	229.6	149	29	26	16.1	10.3	13.2	-	4.5 28	0	264	96	-0.5 27	2	/	2.84	/

Notes on the tables in January issue

TABLE 1 (Continued)

September, 1980

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 s⁻¹)	DAYS WITH GALE GUSTS	
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE					
Malin Head Co. Donegal	1-10	52.8	-	10	9	16.7	12.7	14.7	-	10.3 09	0	103	47	8.0 09	0	15.0	-	3.10	7	5
	11-20	68.2	-	9	8	16.1	11.4	13.8	-	10.0 14	0	94	38	4.3 20	0	13.4	-	2.95	8	8
	21-end	37.8	-	10	10	15.2	10.1	12.7	-	8.0 25	0	83	27	4.7 25	0	12.6	-	3.13	8	6
	Month	158.8	154	29	27	16.0	11.4	13.7	+0.7	8.0 25	0	280	112	4.3 20	0	13.7	+0.6	3.06	80	19
Casement Aerodrome Co. Dublin	1-10	15.2	-	5	3	18.0	11.7	14.9	-	8.5 09	0	105	49	4.1 03	0	14.9	-	3.91	8	5
	11-20	31.2	-	10	9	17.3	11.4	14.3	-	9.8 20	0	100	44	5.0 20	0	13.8	-	3.58	8	6
	21-end	28.4	-	4	3	16.0	8.7	12.4	-	4.6 29	0	80	24	0.0 29	0	12.5	-	3.46	6	2
	Month	74.8	98	19	15	17.1	10.6	13.8	+0.8	4.6 29	0	285	117	0.0 29	0	13.7	-	3.65	90	13
Dublin Airport Co. Dublin	1-10	12.3	-	4	4	18.5	12.4	15.4	-	8.5 09	0	111	55	4.9 03	0	16.1	-	4.04	6	2
	11-20	43.9	-	10	9	17.2	11.9	14.6	-	9.5 13	0	102	46	6.8 13	0	14.6	-	3.66	6	4
	21-end	41.3	-	4	4	16.1	9.6	12.8	-	6.7 28	0	85	29	2.9 29	0	13.1	-	3.55	5	0
	Month	97.5	125	18	17	17.3	11.3	14.3	+1.1	6.7 28	0	298	130	2.9 29	0	14.6	+0.6	3.75	91	6
Kinsealy Co. Dublin	1-10	14.7	-	4	4	18.2	N/A	-	/	N/A	-	-	-	5.5 09	0	/	/	3.87	4	/
	11-20	61.9	-	10	10	17.4	11.7	14.6	/	8.9 13	0	102	46	7.2 13	0	/	/	3.49	5	/
	21-end	22.8	-	6	3	16.2	9.1	12.7	/	5.9 25	0	83	27	-0.1 29	1	/	/	3.36	3	/
	Month	99.4	134	20	17	17.3	-	-	/	-	-	-	-	-0.1 29	1	/	/	3.57	4	/
Galway Co. Galway	1-10	51.0	-	9	7	17.3	12.6	15.0	-	10.4 09	0	106	50	7.4 05	0	15.5	-	3.74	7	4
	11-20	40.3	-	9	8	17.3	11.9	14.6	-	9.8 20	0	102	46	9.1 13	0	14.4	-	3.41	7	5
	21-end	47.0	-	7	7	15.9	9.6	12.7	-	7.0 30	0	84	28	3.2 28	0	13.2	-	3.86	5	3
	Month	138.3	-	25	22	16.9	11.3	14.1	-	7.0 30	0	292	124	3.2 28	0	14.3	-	3.67	6	12
Killarney (Muckross Hse) Co. Kerry	1-10	64.7	/	8	7	17.0	13.0	15.0	/	11.4 09	0	106	50	9.2 09	0	/	/	3.02	/	/
	11-20	91.2	/	9	8	16.6	12.6	14.6	/	11.8 17	0	102	46	9.0 17	0	/	/	2.89	/	/
	21-end	30.4	/	5	4	15.6	9.1	12.4	/	4.6 30	0	80	24	1.5 30	0	/	/	2.96	/	/
	Month	186.3	/	22	19	15.6	9.1	12.4	/	4.6 30	0	288	120	1.5 30	0	/	/	2.95	/	/
Cahirciveen (Valentia Obsy.) Co. Kerry	1-10	72.5	-	7	6	16.7	13.3	15.0	-	12.0 03	0	106	50	10.1 09	0	15.6	-	2.44	7	4
	11-20	92.4	-	9	9	16.9	12.4	14.7	-	11.5 17	0	103	47	10.0 20	0	14.7	-	2.67	8	5
	21-end	62.1	-	8	6	15.5	9.0	12.2	-	5.5 29	0	79	23	1.3 29	0	13.4	-	2.72	5	1
	Month	227.0	177	24	21	16.4	11.6	14.0	+0.0	5.5 29	0	288	120	1.3 29	0	14.6	+0.1	2.61	68	10

Notes on the tables in January issue

TABLE 1 (Continued)

September, 1980

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C										BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	MEAN MAX.	MEAN MIN.	MEAN DAILY	AIR AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAY WITH AIR FROST	Degree Days above 4.4°C	Degree Days above 10.0°C	GROUND	SOIL (10 CM)	MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms⁻¹)
Tralee Lisdara Co. Kerry	1-10																		
	11-20																		
	21-end																		
	Month								NOT AVAILABLE										
Ballymore Co. Kildare	1-10	11.1	-	6	5	NA	10.8	NA		4.0 09	0	NA	NA	2.8 09	0			2.76	
	11-20	55.7	-	9	9	NA	10.9	NA		8.4 13	0	NA	NA	5.2 13	0			1.86	
	21-end	26.1	-	7	6		7.0			2.7 30	0			-0.5 30	2			3.19	
	Month	92.9	107	22	20		9.6			2.7 30	0			-0.5 30	2			2.60	
Kilkenny e Co. Kilkenny	1-10	22.4	-	4	3	18.1	11.4	14.8	-	8.4 09	0	104	48	5.1 09	0	15.6 -	3.02	-	5 3
	11-20	56.8	-	10	8	17.4	11.6	14.5	-	7.6 17	0	101	45	4.1 17	0	14.3 -	2.03	-	5 4
	21-end	37.7	-	5	4	16.1	7.3	11.7	-	1.2 29	0	73	17	-1.4 29	1	12.8 -	3.09	-	3 2
	Month	116.9	141	19	15	17.2	10.1	13.7	+0.5	1.2 29	0	278	110	-1.4 29	1	14.2 +0.1	2.71	70	4 9
Mooncoin (Silverspring) Co. Kilkenny	1-10	24.2	-	6	3	18.0	11.2	14.6		7.0 08	0	102	46	2.2 08	0			3.79	
	11-20	54.8	-	10	7	17.3	12.1	14.7		7.1 17	0	103	47	2.3 17	0			3.15	
	21-end	43.8	-	4	4	16.2	7.5	11.9		1.9 29	0	75	19	-1.4 29	1			3.75	
	Month	122.8	131	20	14	17.2	10.3	13.8		1.9 29	0	280	112	-1.4 29	1			3.56	
Ballinamore Co. Leitrim	1-10	74.7	-	10	8	17.2	11.3	14.3		6.7 09	0	99	43	4.1 09	0			3.19	4
	11-20	44.1	-	10	7	17.0	10.7	13.9		9.0 13	0	95	39	5.9 20	0			3.01	4
	21-end	50.1	-	8	5	15.4	7.9	11.7		5.0 28	0	73	17	2.0 29	0			2.83	2
	Month	168.9	154	28	20	16.5	10.0	13.3		5.0 28	0	267	99	2.0 29	0			3.01	3
Ardee (Boharnamee) Co. Louth	1-10	11.2		5	5	18.9	10.9	14.9		6.1 09	0	105	49	5.2 05	0				
	11-20	36.0		9	9	17.2	11.1	14.2		7.3 20	0	98	42	3.8 20	0				
	21-end	38.2		5	5	16.7	6.3	11.5		2.7 27	0	71	15	0.2 30	0				
	Month	85.4		19	19	17.6	9.4	13.5		2.7 27	0	274	106	0.2 30	0				
Ballinrobe (Creagh) Co. Mayo	1-10	80.5	-	10	8	17.6	11.3	14.5		9.5 09	0	101	45	6.5 09	0			2.35	4
	11-20	62.2	-	10	10	17.5	10.7	14.1		7.2 20	0	97	41	3.9 20	0			2.72	5
	21-end	43.5	-	9	6	17.0	7.9	12.5		4.8 30	0	81	25	-0.2 28	1			3.49	2
	Month	186.2	143	29	24	17.4	10.0	13.7		4.8 30	0	279	111	-0.2 28	1			2.85	4

Notes on the tables in January issue

TABLE 1 (Continued)

September, 1980

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C										BRIGHT SUNSHINE		WIND					
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	MEAN MAY.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DEGREES DAYS ABOVE 4.4°C	DEGREES DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN." °C	DATE	MEAN DAILY	% OF AVERAGE	MEAN SPEED (ms⁻¹)	MEAN GALE GUSTS				
Belmullet Co. Mayo	1-10	76.2	-	9	7	16.1	12.6	14.3	-	11.1	08	0	100	44	9.4	05	0	15.3	-	2.73	-	9	7
	11-20	52.6	-	9	8	16.4	11.6	14.0	-	10.1	20	0	96	40	8.5	20	0	14.3	-	4.27	-	9	5
	21-end	34.7	-	10	7	15.2	10.4	12.8	-	8.2	28	0	84	28	6.0	28	0	13.4	-	4.07	-	7	3
	Month	163.5	151	28	22	15.9	11.5	13.7	+0.3	8.2	28	0	280	112	6.0	28	0	14.3	+0.5	3.69	90	8	15
Claremorris Co. Mayo	1-10	71.8	-	9	7	16.8	11.8	14.3	-	9.4	05	0	99	43	5.1	05	0	14.9	-	2.51	-	6	3
	11-20	46.1	-	9	9	16.7	10.9	13.8	-	9.1	20	0	94	38	6.8	20	0	13.9	-	3.03	-	6	3
	21-end	40.0	-	7	5	16.1	7.9	12.0	-	4.1	28	0	76	20	0.3	28	0	12.7	-	2.90	-	4	2
	Month	157.9	140	25	21	16.6	10.2	13.4	+0.9	4.1	28	0	269	101	0.3	28	0	13.8	+0.5	2.81	81	5	8
Glenamoy Co. Mayo	1-10	124.8	-	10	10	NA	11.7			8.6	09	0	NA	NA	7.0	09	0			2.59		NA	
	11-20	60.3	-	9	9	NA	11.0	NA		8.4	14	0	NA	NA	6.9	14	0			3.32			
	21-end	46.4	-	9	8	NA	8.8			6.0	28	0	NA	NA	4.5	28	0			3.79			
	Month	231.5	173	28	27	NA	10.5			6.0	28	0	NA	NA	4.5	28	0			3.23			
Dunsany (Grange) Co. Meath	1-10	12.0	-	5	3	17.6	10.9	14.3		7.0	09	0	99	43	3.5	09	0			3.15		NA	
	11-20	57.2	-	10	8	16.8	11.2	14.0		9.0	17	0	96	40	5.9	20	0			3.57		NA	
	21-end	21.9	-	6	6	15.3	7.5	11.4		3.9	29	0	70	14	-1.3	29	1			3.11			
	Month	91.1	110	21	17	16.6	9.9	13.3		3.9	29	0	265	97	-1.3	29	1			3.28			
Clones Co. Monaghan	1-10	30.8	-	7	5	17.3	11.6	14.4	-	6.5	09	0	101	45	4.0	09	0	14.5	-	3.20	-	6	2
	11-20	42.1	-	9	9	16.8	11.0	13.9	-	9.2	13	0	95	39	6.5	14	0	13.5	-	3.48	-	6	5
	21-end	29.7	-	8	5	15.5	8.2	11.8	-	5.3	28	0	75	19	-0.5	25	1	12.1	-	3.15	-	4	1
	Month	102.6	114	24	19	16.6	10.2	13.4	+1.0	5.3	28	0	271	103	-0.5	25	1	13.4	+0.1	3.28	100	5	8
Birr Co. Offaly	1-10	20.8	-	6	5	17.8	11.9	14.8	-	8.7	09	0	105	49	5.4	09	0	15.7	-	3.76	-	5	1
	11-20	46.2	-	10	10	17.3	11.4	14.3	-	9.7	20	0	100	44	6.5	20	0	14.3	-	2.69	-	5	3
	21-end	32.9	-	6	3	15.7	8.2	11.9	-	3.8	28	0	76	20	0.1	28	0	13.0	-	3.20	-	4	1
	Month	99.9	120	22	18	16.9	10.5	13.7	+0.6	3.8	28	0	281	113	0.1	28	0	14.3	+0.3	3.22	84	5	5
Thurles Co. Tipperary	1-10																						
	11-20																						
	21-end																						
	Month																						

Notes on the tables in January issue

TABLE 1 (Continued)

September, 1980

STATION	PERIOD	RAINFALL (MM.)			TEMPERATURE °C										BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	MEAN MAX.	MEAN MIN.	MEAN DAILY AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DEGREES DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN." DATE	DEGREES WITH GROUND FROST	MEAN DAILY DIFFERENCE FROM AVERAGE	MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms⁻¹)	DAY WITH GALE GUSTS
Dungarvan (Ballygagin) Co. Waterford	1-10	23.6	-	6	4	18.3	12.8	15.6	-	9.5 09	0	112	56	5.6 08	0	-	3.90	2	-
	11-20	65.5	-	9	9	17.6	11.3	14.5	-	8.7 19	0	101	45	5.0 17	0	-	3.57	3	-
	21-end	56.7	-	6	5	16.3	8.6	12.5	-	4.0 29	0	81	25	0.3 29	0	-	3.78	3	-
	Month	145.8	-	21	18	17.4	10.9	14.2	-	4.0 29	0	294	126	0.3 29	0	-	3.75	3	-
Mullingar Co. Westmeath	1-10	29.7	-	6	5	17.7	11.4	14.6	-	7.4 09	0	102	46	5.5 09	0	15.0	3.98	5	1
	11-20	50.9	-	9	8	16.8	10.7	13.8	-	8.6 20	0	94	38	6.8 20	0	13.7	3.01	6	4
	21-end	39.0	-	7	3	15.5	7.6	11.6	-	3.4 30	0	72	16	1.3 30	0	12.3	3.28	4	1
	Month	119.6	125	22	16	16.7	9.9	13.3	+1.0	3.4 30	0	268	100	1.3 30	0	13.7	+0.1	3.42	91
Campile (Ballysop) Co. Wexford	1-10	13.9	-	5	3	17.3	11.5	14.4	-	8.6 08	0	100	44	1.9 08	0	-	3.41	-	-
	11-20	50.1	-	8	7	16.5	11.9	14.2	-	8.4 17	0	98	42	0.4 17	0	-	2.85	-	-
	21-end	41.4	-	4	3	15.6	8.6	12.1	-	5.2 30	0	77	21	-1.0 30	3	-	3.50	-	-
	Month	105.4	-	17	13	16.5	10.7	13.6	-	5.2 30	0	275	107	-1.0 30	3	-	3.25	-	-
Clonroche Co. Wexford	1-10	23.1	-	6	4	17.2	11.3	14.3	-	8.3 08	0	99	43	0.0 08	0	-	3.91	3	-
	11-20	54.7	-	8	7	16.4	10.6	13.5	-	8.1 17	0	91	35	0.3 17	0	-	2.87	4	-
	21-end	45.5	-	5	4	15.8	8.2	12.0	-	5.2 29	0	76	20	-3.5 29	6	-	3.97	2	-
	Month	123.3	-	19	15	16.4	10.0	13.2	-	5.2 29	0	266	98	-3.5 29	6	-	3.58	3	-
Johnstown Castle Co. Wexford	1-10	15.8	-	4	3	17.4	11.9	14.7	-	9.4 09	0	103	47	5.2 04	0	-	4.03	5	-
	11-20	52.3	-	9	8	16.7	11.9	14.3	-	9.5 17	0	99	43	4.8 17	0	-	3.37	6	-
	21-end	32.4	-	5	4	15.8	9.5	12.7	-	6.2 29	0	83	27	1.2 29	0	-	4.13	4	-
	Month	100.5	102	18	15	16.6	11.1	13.9	-	6.2 29	0	285	117	1.2 29	0	-	3.84	5	-
Rosslare Co. Wexford	1-10	13.4	-	3	3	17.8	12.7	15.2	-	10.1 09	0	109	53	6.8 09	0	15.9	4.14	6	3
	11-20	41.0	-	8	7	16.8	12.4	14.6	-	10.8 13	0	102	46	8.1 13	0	14.8	3.53	7	6
	21-end	30.5	-	4	4	15.7	10.2	13.0	-	7.5 29	0	86	30	1.9 29	0	13.8	4.38	5	2
	Month	84.9	99	15	14	16.8	11.8	14.3	+0.3	7.5 29	0	297	129	1.9 29	0	14.8	-0.1	4.02	80

Notes on the tables in January issue

TABLE 2
SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE
September, 1980

STATION	PERIOD	SOLAR RADIATION	P.E. (mm)	SOIL MOISTURE (mm)		
		Amount Joule/cm ²	Amount	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10	-	19	-	10	4
	11-20		24	-	0	49
	21-end		3	-	0	13
	Month		46	-	-	-
Kinsealy* Co. Dublin	1-10	10550	23	9	17	-
	11-20	8026	19	-	2	15
	21-end	7378	14	-	0	37
	Month	25954	56	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	8819	12	-	0	58
	11-20	8255	6	-	0	125
	21-end	6910	0	-	0	14
	Month	23984	18	-	-	-
Kilkenny e Co. Kilkenny	1-10	10814				
	11-20	8682				
	21-end	8135				
	Month	27631				
Ballinamore Co. Leitrim	1-10	-	16	-	0	14
	11-20		6	-	0	38
	21-end		20	-	0	30
	Month		42	-	-	-
Glenamoy/ Co. Mayo	1-10	-	7	-	0	118
	11-20		5	-	0	55
	21-end		12	-	0	24
	Month		24	-	-	-
Birr e Co. Offaly	1-10	11134				
	11-20	8983				
	21-end	8256				
	Month	28373				
Johnstown Castle Co. Wexford	1-10	-	17	1	7	-
	11-20		23	-	0	55
	21-end		1	-	0	6
	Month		41	-	-	-

*, /, See notes in January issue.