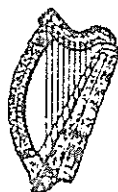


METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

SEPTEMBER 1981

The Weather of September

In eastern regions and in parts of the midlands the weather was mild and mostly dry up to the 6th; in the west and south, however, spells of rain occurred between the 2nd and 5th and on the 4th and 5th in parts of the midlands as well. A narrow band of exceptionally heavy rain, in association with a slow moving cold front, affected parts of the west on the 4th. Widespread rain on the 7th, thundery in the west, cleared all regions early on the 8th.

A strong southwesterly airflow set in on the 9th and the weather became wet everywhere on the 10th, particularly in the southwest and west. The weather was a little cooler between the 11th and 14th, although still broken generally and thundery in the east, and ground frost occurred in some places on the 13th. It continued changeable from the 15th to 19th with spells of rain and drizzle. The rain was heavy on the 17th especially in the southwest and again on the 19th as a depression crossed over southern and eastern regions. Further spells occurred during the remainder of the month, again mostly in the west and southwest but also heavy and thundery in the south and east on the 25th and 26th. A little ground frost developed on clear nights in parts of the south midlands.

Monthly Amounts of Precipitation were well above normal in most areas. Amounts ranged from over 200% of normal in the south to between normal and 125% of normal in parts of the east. Falls exceeding 40mm occurred in Claremorris on the 4th and in the southwest on the 10th and 17th. Other days with exceptional rain - above 20mm - occurred on the 14th, 19th, 23rd, 25th and 29th, mainly in the west. Least wet days (≥ 1.0 mm) occurred in the first decade.

Mean Monthly Air Temperature was above normal everywhere, ranging from 1.3°C above normal at Shannon Airport, and 1.2°C above normal at Dublin Airport and at Casement, to 0.3°C above normal at Malin Head. The spell up to the 10th was particularly mild - the maximum air temperature exceeded 20°C daily at many stations in that period. Ground frost was first recorded in the midlands on the 13th. Mean soil temperatures (100mm) ranged from 0.3°C above average at Rosslare to 0.9°C above average at Dublin Airport.

Mean Duration of Bright Sunshine varied from little over 80% of normal in the south and parts of the west to 99% of normal in the east and north midlands. The first decade was brightest in all areas and the last decade was dullest apart from in the east and northeast, where the second decade proved to be the dullest.

Gale Gusts occurred generally on the 9th, 10th, 14th, 23rd, and 24th, on the 27th in the north and west, and on the 29th.

Summary The month was mild and very wet. It was dull in the south and in parts of the west and north, elsewhere sunshine was near normal.

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

September 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 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	17.8	/	6	3	21.4	12.8	17.1	/	8.0	02	0	127	71	4.6	02	0	/	/	2.55	/	/	/	/				
	11-20	52.7	/	9	7	17.1	9.1	13.1	/	4.0	12	0	87	31	0.3	12	0	/	/	3.95	/	/	/	/				
	21-end	40.4	/	9	8	16.5	7.5	12.0	/	5.4	22	0	76	20	1.8	22	0	/	/	3.76	/	/	/	/				
	Month	110.9	/	24	18	18.3	9.8	14.1	/	4.0	12	0	290	122	0.3	12	0	/	/	3.42	/	/	/	/				
Shannon Airport Co. Clare	1-10	18.8	-	3	2	21.5	14.7	18.1	-	12.5	10	0	137	81	10.3	09	0	18.6	-	3.04	-	5	2					
	11-20	76.1	-	10	8	16.9	10.9	13.9	-	8.2	12	0	95	39	4.3	12	0	13.9	-	3.50	-	5	1					
	21-end	31.4	-	8	8	15.9	10.0	13.0	-	8.9	26	0	86	30	3.9	22	0	12.5	-	4.23	-	5	3					
	Month	126.3	145	21	18	18.1	11.9	15.0	+1.3	8.2	12	0	318	150	3.9	22	0	15.0	+0.4	3.59	92	5	6					
Fermoy (Moore Park) Co. Cork	1-10	/	/	/	/	/	/	/	/	NOT AVAILABLE														/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	NOT AVAILABLE														/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	NOT AVAILABLE														/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	NOT AVAILABLE														/	/	/	/	/
Mallow Co. Cork	1-10	32.7	-	6	3	21.3	13.5	17.4	/	9.7	08	0	130	74	6.9	08	0	/	/	2.35	/	/	/	/				
	11-20	58.0	-	9	6	17.0	8.7	12.9	/	3.0	13	0	85	29	1.3	13	0	/	/	2.92	/	/	/	/				
	21-end	37.0	-	8	8	16.0	7.1	11.6	/	2.4	22	0	72	16	0.9	22	0	/	/	3.39	/	/	/	/				
	Month	127.7	132	23	17	18.1	9.8	14.0	/	2.4	22	0	287	119	0.9	22	0	/	/	2.89	/	/	/	/				
Roche's Point Co. Cork	1-10	36.9	-	6	4	19.8	15.0	17.4	-	12.9	06	0	130	74	9.1	6	0	17.5	-	3.19	-	5	2					
	11-20	83.2	-	9	7	16.4	11.0	13.7	-	8.5	13	0	93	37	4.0	12	0	14.3	-	3.78	-	5	3					
	21-end	55.4	-	6	6	15.2	9.5	12.4	-	7.6	26	0	80	24	3.3	23	0	12.9	-	4.65	-	5	1					
	Month	175.5	202	21	17	17.2	11.8	14.5	+0.5	7.6	26	0	303	135	3.3	23	0	14.9	+0.4	3.87	92	5	6					
Glencolumbkille Co. Donegal	1-10	50.7	/	6	6	18.8	12.0	15.4	/	10.3	04	0	110	54	3.0	04	0	/	/	2.93	/	/	/	/				
	11-20	55.6	/	10	7	15.6	10.5	13.1	/	8.5	12	0	87	31	4.0	13	0	/	/	3.52	/	/	/	/				
	21-end	95.3	/	10	9	14.4	9.4	11.9	/	7.5	29	0	75	19	2.0	29	0	/	/	2.80	/	/	/	/				
	Month	205.6	/	26	22	16.2	10.6	13.4	/	7.5	29	0	272	104	2.0	29	0	/	/	3.08	/	/	/	/				
Glenties Co. Donegal	1-10	72.1	-	6	5	19.4	12.3	15.9	/	6.2	06	0	115	59	3.0	06	0	/	/	3.19	/	/	/	/				
	11-20	55.9	-	9	8	15.3	9.5	12.4	/	6.2	12	0	80	24	2.5	13	0	/	/	3.39	/	/	/	/				
	21-end	86.7	-	10	10	14.4	8.3	11.4	/	5.8	23	0	70	14	2.2	23	0	/	/	2.33	/	/	/	/				
	Month	214.7	139	25	23	16.4	10.0	13.2	/	5.8	23	0	265	97	2.2	23	0	/	/	2.97	/	/	/	/				

Notes on the tables in January issue

TABLE 1 (Continued)

September 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 4.40C	DEGREE DAYS ABOVE 10.00C	LOWEST "GRASS-PUSH."	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE					MEAN DAILY (HRS.)	% OF AVERAGE
Malin Head e Co. Donegal	1-10	20.1	-	4	3	18.6	11.9	15.3	-	7.0	06	0	109	53	4.5	06	0	16.2	-	3.63	-	7	3		
	11-20	50.5	-	9	7	15.7	9.5	12.6	-	6.3	13	0	82	26	4.0	12	0	13.2	-	4.17	-	7	3		
	21-end	58.7	-	10	8	14.3	9.5	11.9	-	7.4	26	0	75	19	4.2	26	0	11.8	-	2.77	-	9	6		
	Month	129.3	126	23	18	16.2	10.3	13.2	+0.2	6.3	13	0	266	98	4.0	12	0	13.7	+0.6	3.52	93	8	12		
Casement Aerodrome Co. Dublin	1-10	9.3	-	4	2	21.0	12.9	17.0	-	10.1	01	0	126	70	5.3	01	0	17.5	-	3.36	-	5	2		
	11-20	37.4	-	8	7	17.3	9.4	13.4	-	6.3	12	0	90	34	0.2	12	0	13.2	-	4.29	-	6	2		
	21-end	35.2	-	9	7	15.8	8.6	12.2	-	6.2	23	0	78	22	2.4	23	0	11.5	-	4.11	-	6	3		
	Month	81.9	108	21	16	18.1	10.3	14.2	+1.2	6.2	23	0	294	126	0.2	12	0	14.1	-	3.92	97	6	7		
Dublin Airport e Co. Dublin	1-10	12.6	-	4	2	20.1	13.7	16.9	-	11.7	01	0	125	69	8.1	09	0	18.3	-	3.31	-	4	1		
	11-20	47.0	-	8	6	17.1	10.3	13.7	-	6.9	13	0	93	37	1.4	12	0	14.1	-	4.53	-	5	1		
	21-end	43.9	-	9	5	16.2	9.2	12.7	-	7.6	23	0	83	27	4.5	23	0	12.2	-	4.50	-	5	1		
	Month	103.5	133	21	13	17.8	11.0	14.4	+1.2	6.9	13	0	301	133	1.4	12	0	14.9	+0.9	4.11	99	5	3		
Kinsealy Co. Dublin	1-10	14.2	/	3	2	19.6	13.3	16.5	/	9.6	09	0	121	65	3.7	02	0	/	/	2.97	/	4	/		
	11-20	44.8	/	9	6	9.4	9.4	13.5	/	3.9	12	0	91	35	-1.6	12	2	/	/	4.14	/	4	/		
	21-end	39.0	/	7	5	16.2	8.7	12.5	/	6.9	23	0	81	25	0.5	21	0	/	/	4.22	/	5	/		
	Month	98.0	/	19	13	17.8	10.5	14.2	/	3.9	12	0	293	125	-1.6	12	2	/	/	3.77	/	4	/		
Galway Co. Galway	1-10	41.3	-	8	7	20.3	13.1	16.7	-	10.0	01	0	123	67	9.2	01	0	17.8	-	3.58	-	4	2		
	11-20	102.2	-	9	9	15.7	10.7	13.2	-	7.4	12	0	88	32	6.2	20	0	14.2	-	3.19	-	5	3		
	21-end	53.7	-	10	8	15.2	9.8	12.5	-	8.1	23	0	81	25	3.3	23	0	13.0	-	4.37	-	4	2		
	Month	197.2	183	27	24	17.1	11.2	14.2	+0.6	7.4	12	0	292	124	3.8	23	0	15.0	-	3.71	96	4	7		
Killarney (Muckross Hse) Co. Kerry	1-10	53.6	/	5	3	20.9	15.3	18.1	/	11.9	09	0	137	81	6.6	06	0	/	/	3.47	/	/	/		
	11-20	96.2	/	9	9	16.5	11.2	13.9	/	7.4	12	0	95	39	4.4	12	0	/	/	3.34	/	/	/		
	21-end	61.3	/	10	9	15.5	9.7	12.6	/	6.3	22	0	82	26	3.1	22	0	/	/	3.65	/	/	/		
	Month	211.1	/	24	21	17.6	12.1	14.9	/	6.3	22	0	314	146	3.1	22	0	/	/	3.49	/	/	/		
Cahiriveen e (Valentia Obsy.) Co. Kerry	1-10	51.7	-	7	5	20.8	14.6	17.7	-	10.7	06	0	133	77	9.5	06	0	18.2	-	2.75	-	6	3		
	11-20	139.4	-	10	9	16.3	11.2	13.7	-	7.7	12	0	94	38	6.3	12	0	14.5	-	2.60	-	6	7		
	21-end	51.5	-	8	7	15.6	10.5	13.0	-	8.6	25	0	86	30	5.7	25	0	13.1	-	4.04	-	6	3		
	Month	242.6	190	25	21	17.6	12.1	14.8	+0.8	7.7	12	0	313	145	5.7	25	0	15.3	+0.8	3.13	82	6	13		

Notes on the tables in January issue

TABLE 1 (Continued)

September 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND					
		AMOUNT	% OF AVERAGE	RAINY DAYS	WET DAYS	AIR							GROUND			SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (m/s)	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				
Tralee Lisdara Co. Kerry	1-10 11-20 21-end Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Bullymore Co. Kildare	1-10 11-20 21-end Month	27.5 53.9 42.1 123.5	- - - 142	6 10 10 26	3 9 5 17	20.7 16.4 15.4 17.5	12.5 8.3 6.8 9.2	16.6 12.4 11.1 13.4	/	8.5 3.0 4.4 3.0	01 12 26 12	0 0 0 0	122 80 67 269	66 24 11 101	3.6 -2.6 -1.7 -2.6	02 12 23 12	0 3 4 7	/	/	/	/	N/A	/	/	6 6 7 6	/	
Kilkenny e Co. Kilkenny	1-10 11-20 21-end Month	21.9 45.0 43.6 110.5	- - - 133	6 8 6 20	4 6 6 16	21.0 17.0 16.3 18.1	13.1 7.9 6.7 9.2	17.0 12.4 11.5 13.7	- - - +0.5	10.0 1.6 2.9 1.6	02 13 23 13	0 0 0 0	126 80 71 277	70 25 15 110	6.1 -1.6 -0.7 -1.6	02 13 21 13	0 2 2 4	18.4 13.7 11.7 14.6	- - - +0.5	2.42 3.95 4.36 3.58	- - - 93	3 3 3 3	1 1 1 3				
Mooncoin (Silverspring) Co. Kilkenny	1-10 11-20 21-end Month	32.7 70.3 50.4 153.4	/	6 8 7 21	4 6 6 16	20.0 17.3 16.8 18.0	14.1 8.6 6.8 9.8	17.1 13.0 11.8 13.9	/	12.0 2.0 2.6 2.0	02 13 22 13	0 0 0 0	127 86 74 287	71 30 16 117	5.0 -3.6 -3.5 -3.6	02 13 22 13	0 3 6 9	/	/	/	/	2.85 3.82 4.72 3.79	/	/	/	/	
Ballinamore Co. Leitrim	1-10 11-20 21-end Month	26.4 67.0 68.8 162.2	- - - 147	5 9 10 24	3 7 10 20	20.2 15.4 14.6 16.7	11.9 8.9 7.7 9.5	16.1 12.2 11.2 13.1	/	7.8 4.9 4.9 4.9	09 13 23 13	0 0 0 0	117 78 68 263	61 22 11 94	6.9 1.9 2.5 1.9	09 13 23 13	0 0 0 0	/	/	/	/	2.69 2.97 3.44 3.03	/	/	4 3 4 4	/	
Ardee (Boharnamoe) Co. Louth	1-10 11-20 21-end Month	21.3 51.6 32.9 105.8	/	4 7 6 17	3 7 5 15	20.1 17.0 16.1 17.9	12.2 7.9 7.6 9.2	16.2 12.5 11.9 13.6	/	9.9 2.9 5.4 2.9	09 12 23 12	0 0 0 0	128 81 75 284	72 25 19 116	6.2 2.3 3.0 2.3	01 12 21 12	0 0 0 0	/	/	/	/	/	/	/	/	/	
Ballinrobe (Creagh) Co. Mayo	1-10 11-20 21-end Month	96.8 59.9 87.6 238.3	- - - 183	6 10 10 26	6 9 10 25	20.6 16.3 15.3 17.4	11.0 8.3 7.8 9.0	15.8 12.3 15.6 13.2	/	8.6 4.0 5.9 4.0	08 12 21 12	0 0 0 0	114 79 67 260	58 23 10 91	7.0 1.4 1.9 1.4	09 13 23 13	0 0 0 0	/	/	/	/	2.98 2.53 3.33 2.95	/	/	4 4 4 4	/	

Notes on the tables in January issue

TABLE 1 (Continued)

September 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 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	57.9	-	6	5	19.7	11.9	15.8	-	8.3	06	0	114	58	5.4	06	0	17.2	-	3.32	-	6	4
	11-20	40.3	-	10	8	16.0	10.7	13.3	-	9.1	19	0	89	33	5.8	13	0	14.3	-	3.44	-	7	0
	21-end	82.0	-	10	10	14.8	9.7	12.3	-	7.1	26	0	79	23	3.1	26	0	12.9	-	3.99	-	6	3
	Month	180.2	167	26	23	16.8	10.8	13.8	+0.4	7.1	26	0	282	114	3.1	26	0	14.8	+1.0	3.58	88	6	7
Claremorris e Co. Mayo	1-10	79.8	-	5	4	20.2	12.4	16.3	-	8.8	07	0	119	63	6.4	07	0	16.9	-	2.42	-	4	2
	11-20	57.9	-	9	8	15.6	9.1	12.3	-	5.2	13	0	79	23	1.4	13	0	13.3	-	2.77	-	4	1
	21-end	86.3	-	10	8	15.1	8.0	11.5	-	5.4	21	0	72	16	1.6	29	0	12.0	-	3.39	-	4	2
	Month	224.0	198	24	20	17.0	9.8	13.4	+0.9	5.2	13	0	270	102	1.4	13	0	14.1	+0.8	2.86	82	4	5
Glenamoy Co. Mayo	1-10	45.8	-	7	7	19.8	11.4	15.6	/	5.0	07	0	112	56	4.4	07	0	/	/	3.56	/	/	/
	11-20	65.2	-	9	9	15.5	10.0	12.8	/	7.4	13	0	84	28	5.6	13	0	/	/	3.45	/	/	/
	21-end	114.2	-	10	10	14.6	8.1	11.4	/	5.9	26	0	70	14	3.9	26	0	/	/	3.56	/	/	/
	Month	225.2	168	26	26	16.6	9.8	13.2	/	5.0	07	0	266	98	3.9	26	0	/	/	3.52	/	/	/
Dunsany (Grange) Co. Meath	1-10	14.1	-	3	3	20.1	13.0	16.6	/	9.5	01	0	122	66	4.6	01	0	/	/	2.75	/	/	/
	11-20	53.5	-	10	7	16.3	8.8	12.6	/	5.2	13	0	82	26	-1.0	13	2	/	/	3.95	/	/	/
	21-end	67.0	-	9	7	15.3	7.5	11.4	/	5.4	23	0	70	14	-1.0	23	2	/	/	4.29	/	/	/
	Month	134.6	162	22	17	17.2	9.8	13.5	/	5.2	13	0	274	106	-1.0	13	4	/	/	3.66	/	/	/
Clones e Co. Monaghan	1-10	15.8	-	6	3	20.0	12.2	16.1	-	8.8	01	0	117	61	3.0	09	0	16.6	-	2.90	-	4	2
	11-20	47.9	-	8	7	16.1	8.4	12.2	-	4.1	12	0	78	22	-0.6	13	1	13.7	-	3.88	-	4	0
	21-end	62.0	-	10	9	14.3	7.9	11.1	-	5.5	23	0	67	12	1.0	23	0	11.8	-	2.95	-	4	0
	Month	125.7	140	24	19	16.8	9.5	13.1	+0.7	4.1	12	0	262	95	-0.6	13	1	14.0	+0.7	3.24	99	4	2
Birr e Co. Offaly	1-10	17.0	-	3	3	20.6	13.3	16.9	-	8.5	01	0	125	69	5.9	01	0	18.1	-	2.64	-	4	2
	11-20	66.7	-	9	7	16.3	9.2	12.8	-	6.2	12	0	84	28	2.6	13	0	13.8	-	3.78	-	3	1
	21-end	29.0	-	9	6	15.6	8.1	11.9	-	6.3	25	0	75	19	1.7	25	0	12.2	-	4.42	-	4	1
	Month	112.7	136	21	16	17.5	10.2	13.9	+0.8	6.2	12	0	284	116	1.7	25	0	14.7	+0.7	3.61	94	4	4
Thurles Co. Tipperary	1-10		-						-									/	/	/	/	/	/
	11-20		-						-									/	/	/	/	/	/
	21-end		-						-									/	/	/	/	/	/
	Month		-						-									/	/	/	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

September 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C												BRIGHT SUNSHINE		WIND				
		AMOUNT	% OF AVERAGE	RAIN DAYS		MEAN MAX.	MEAN MIN.	MEAN DAILY	AIR				GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS				
				WET DAYS	WET DAYS				AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.0C	DEGREE DAYS ABOVE 10.0C	LOWEST "GRASS-MIN."	DATE					DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE	
Dungarvan (Ballygagin) Co. Waterford	1-10	30.9	-	7	5	20.3	14.7	17.5	/	12.3	06	0	132	76	8.5	08	0	/	/	/	/	/	/	/
	11-20	84.7	-	10	6	17.5	9.3	13.4	/	4.7	13	0	90	34	0.7	20	0	/	/	/	/	/	/	/
	21-end	51.7	-	10	9	16.6	7.8	12.2	/	5.5	23	0	68	12	0.4	23	0	/	/	/	/	/	/	/
	Month	167.3	161	27	20	18.1	10.6	14.4	/	4.7	13	0	290	122	0.4	23	0	/	/	/	/	/	/	/
Mullingar e Co. Westmeath	1-10	20.6	-	4	3	20.1	12.4	16.3	-	9.5	09	0	119	63	6.8	09	0	16.7	-	2.80	-	4	2	
	11-20	77.0	-	9	7	15.8	8.3	12.0	-	2.6	12	0	77	21	0.2	12	0	13.4	-	4.13	-	4	0	
	21-end	34.7	-	9	7	15.2	7.2	11.2	-	4.9	23	0	68	12	1.6	23	0	11.8	-	4.25	-	4	3	
	Month	132.3	138	22	17	17.0	9.3	13.2	+0.9	2.6	12	0	264	96	0.2	12	0	14.0	+0.4	3.73	99	4	5	
Campile (Ballysop) Co. Wexford	1-10	22.6	-	5	4	19.3	13.4	16.4	/	6.7	01	0	120	64	2.7	01	0	/	/	2.95	/	/	/	/
	11-20	69.7	-	9	6	16.7	9.4	13.1	/	5.6	13	0	87	31	0.5	13	0	/	/	3.76	/	/	/	/
	21-end	38.6	-	5	5	16.1	7.7	11.9	/	5.3	22	0	75	19	-0.1	22	1	/	/	4.47	/	/	/	/
	Month	130.9	136	19	15	17.3	10.2	13.8	/	5.3	22	0	282	114	-0.1	22	1	/	/	3.69	/	/	/	/
Clonroche Co. Wexford	1-10	40.5	-	6	3	19.6	13.7	16.7	/	12.1	08	0	123	67	4.2	02	0	/	/	3.08	/	/	/	/
	11-20	83.0	-	7	7	16.3	8.6	12.5	/	4.5	12	0	81	35	-4.7	12	6	/	/	3.20	/	/	/	/
	21-end	49.6	-	7	6	15.4	7.2	11.5	/	5.0	25	0	69	13	-5.0	29	5	/	/	4.80	/	/	/	/
	Month	173.1	166	20	16	17.2	9.8	13.5	/	4.5	12	0	273	115	-5.0	29	6	/	/	3.69	/	/	/	/
Johnstown Castle Co. Wexford	1-10	32.0	-	3	3	19.3	13.9	16.6	/	12.1	02	0	122	66	7.5	02	0	/	/	3.23	/	/	/	/
	11-20	9.4	-	9	8	16.6	10.4	13.5	/	7.5	12	0	91	35	2.9	12	0	/	/	4.52	/	/	/	/
	21-end	37.6	-	7	6	15.7	7.8	11.8	/	8.0	23	0	67	11	1.9	23	0	/	/	5.00	/	/	/	/
	Month	161.0	163	19	17	17.2	11.1	14.2	/	7.5	12	0	280	112	1.9	23	0	/	/	4.25	/	/	/	/
Rosslare e Co. Wexford	1-10	24.9	-	4	2	19.2	14.2	16.7	-	12.8	10	0	123	67	10.6	06	0	18.1	-	4.40	-	5	2	
	11-20	55.2	-	9	8	16.9	11.2	14.0	-	8.5	20	0	96	40	4.4	12	0	14.5	-	4.92	-	5	4	
	21-end	50.3	-	8	6	16.1	10.3	13.2	-	8.0	22	0	88	32	2.5	26	0	13.2	-	5.43	-	5	3	
	Month	130.4	152	21	16	17.4	11.9	14.6	+0.6	8.0	22	0	307	139	2.5	26	0	15.2	+0.3	4.92	98	5	9	

Notes on the tables in January issue

TABLE 2

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

September 1981

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		24	-	77	9
	11-20		19	-	36	41
	21-end	-	8	-	3	33
	Month		51	-	-	-
Kinsealy* Co. Dublin	1-10	9669	19	7	89	-
	11-20	9497	27	-	40	49
	21-end	8512	18	-	17	23
	Month	27678	64	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	11183	22	10	29	-
	11-20	8659	31	-	0	158
	21-end	9276	6	-	0	50
	Month	29118	59	-	-	-
Kilkenny e Co. Kilkenny	1-10	11081				
	11-20	9676				
	21-end	9930	-	-	-	-
	Month	30687				
Ballinamore Co. Leitrim	1-10		17	9	2	-
	11-20		7	-	0	16
	21-end	-	2	-	0	37
	Month		26	-	-	-
Glenamoy/ Co. Mayo	1-10		23	-	0	23
	11-20	-	9	-	0	57
	21-end		2	-	0	112
	Month		34	-	-	-
Birr e Co. Offaly	1-10	10256				
	11-20	9149				
	21-end	9210	-	-	-	-
	Month	28615				
Johnstown Castle Co. Wexford	1-10		24	-	73	28
	11-20		10	-	45	28
	21-end	-	22	-	26	19
	Month		56	-	-	-

*, /, See notes in January issue.