



## AGROMETEOROLOGICAL BULLETIN

SEPTEMBER 1975

### The weather during September

From 1st to 5th September the weather was largely dry but thereafter it was very changeable with rain-belts from the Atlantic crossing the country with depressing frequency.

Mean monthly rainfall was above normal except in the south-east of Wexford and in a small area of North Leinster. These two areas had about 90% of normal rainfall. Elsewhere rainfall amounts ranged from 100% to 170% of normal. Some heavy rainfalls were recorded, with over two inches in the Dublin Area during 16th and 17th and over two inches at Cahirciveen during 27th and 28th. Rates of rainfall in excess of half an inch per hour occurred in quite a number of places especially in Munster and Leinster. Thunderstorms were reported on 9th, 11th and in the period 28th to 30th.

After a warm start (with a maximum temperature of  $23.4^{\circ}\text{C}$  at Kilkenny on 1st) it was a distinctly cool month. Mean monthly air temperatures ranged from  $0.5^{\circ}\text{C}$  to  $1.5^{\circ}\text{C}$  below average. Coolest periods were from 11th to 16th and 25th to 28th. Ground frost was most widespread on 3rd, 4th, 13th, 16th and 28th. Ballinamore had  $2^{\circ}\text{C}$  of air frost on 28th and some places had air frost on 16th. Soil temperatures at 4 inches were  $0.2^{\circ}\text{C}$  to  $0.8^{\circ}\text{C}$  below normal. Amounts of sunshine were below or about normal.

Strong winds were much in evidence during the second half of the month. On 19th gales or strong gales occurred in the north-west and Beimullet had a gust of 95 m.p.h. - the highest value ever recorded there in September. Strong winds with gusts between 40 and 60 m.p.h. occurred on 22nd, 24th and 27th.

Some spells favourable to the spread of potato blight occurred, notably from 5th to 9th and 15th to 18th. However monthly totals of effective blight hours were mostly below average. While it was too cool for very good growing conditions the elimination of the high soil moisture deficits in the Midlands and East resulted in a considerable and welcome improvement in grass growth.

TABLE 1.

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

September, 1975

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 Spec	No. of Days with Gale Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.0°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%			°C	°C	°C				°C		°C	°C	hr	%	Kt					
Carlow (Oak Park) Co. Carlow	1-10	9.0	-	6	4	14.8	-	+3.7	04	0	105	49	-2.0	04	2	-	-	4.36	-	5	-
	11-20	66.5	-	7	4	10.6	-	+1.5	13	0	62	11	-2.8	13	3	-	-	3.92	-	7	-
	21-end	61.5	-	8	7	12.0	-	+2.0	28	0	76	21	-1.5	28	1	-	-	2.90	-	9	-
	Month	137.0	-	21	15	12.4	-	+1.5	13	0	243	81	-2.8	13	6	-	-	3.73	-	7	-
Shannon Airport Co. Clare	1-10	29.9	-	5	4	15.1	-	+7.8	04	0	108	52	+2.9	04	0	16.4	-	3.57	-	7	1
	11-20	44.0	-	6	4	11.8	-	+4.4	14	0	75	20	+0.4	13	0	12.9	-	3.75	-	9	3
	21-end	65.0	-	9	8	12.1	-	+5.2	28	0	78	22	+1.9	26	0	12.7	-	2.91	-	12	5
	Month	138.9	157	20	16	13.1	-0.6	+4.4	14	0	261	94	+0.4	13	0	14.0	-0.5	3.41	87	9	9
Fermoy (Moore Park) Co. Cork	1-10	12.4	-	7	5	13.7	-	+1.0	04	0	93	37	-3.0	04	3	-	-	3.60	-	4	-
	11-20	45.3	-	5	4	10.1	-	+1.3	16	0	57	8	-3.6	16	6	-	-	4.16	-	5	-
	21-end	63.1	-	10	6	11.6	-	+2.5	28	0	72	18	-2.8	28	3	-	-	3.54	-	6	-
	Month	120.8	-	22	15	11.8	-	+1.0	04	0	222	63	-3.6	16	12	-	-	3.77	-	5	-
Mallow Co. Cork	1-10	11.3	-	5	3	14.4	-	+1.3	03	0	100	44	-1.8	04	1	-	-	3.14	-	-	-
	11-20	44.4	-	6	4	10.2	-	+2.5	16	0	58	8	-3.0	14	7	-	-	3.34	-	-	-
	21-end	63.6	-	9	7	12.0	-	+3.1	28	0	77	21	-1.8	28	2	-	-	3.00	-	-	-
	Month	119.3	131	20	14	12.2	-	+1.3	03	0	235	73	-3.0	14	10	-	-	3.16	-	-	-
Roche's Point Co. Cork	1-10	9.9	-	5	2	15.0	-	+9.3	04	0	106	50	+6.6	04	0	16.2	-	5.80	-	9	1
	11-20	54.5	-	7	4	11.7	-	+6.5	13	0	74	18	+1.4	16	0	12.8	-	4.98	-	12	4
	21-end	41.1	-	7	7	12.6	-	+6.4	26	0	82	26	+2.7	28	0	13.0	-	4.51	-	16	7
	Month	105.5	126	19	13	13.1	-0.9	+6.4	26	0	262	94	+1.4	16	0	14.0	-0.5	5.10	102	12	12
Glencolumbkille Co. Donegal	1-10	36.6	-	9	7	14.5	-	+10.3	10	0	101	45	-	-	-	-	-	3.34	-	-	-
	11-20	52.9	-	9	8	11.9	-	+7.0	14	0	75	19	NA	NA	-	-	-	4.07	-	NA	-
	21-end	90.9	-	8	8	11.0	-	+3.5	28	0	67	14	-	-	-	-	-	NA	-	-	-
	Month	180.4	-	26	23	12.5	-	+3.5	28	0	243	78	-	-	-	-	-	NA	-	-	-
Glenties Co. Donegal	1-10	33.8	-	9	6	14.2	-	+7.8	03	0	99	43	+5.2	04	0	-	-	3.33	-	-	-
	11-20	44.1	-	9	9	10.6	-	+2.8	13	0	62	11	-0.8	14	3	-	-	3.36	-	-	-
	21-end	87.8	-	9	8	10.2	-	-0.4	28	1	58	11	-4.3	28	2	-	-	2.49	-	-	-
	Month	165.7	116	27	23	11.7	-	-0.4	28	1	219	65	-4.3	28	5	-	-	3.06	-	-	-

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

TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

September, 1975.

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 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
Malin Head Co. Donegal	1-10	35.0	-	8	7	14.5	-	+10.0	10	0	101	45	+8.0	03	0	14.5	-	2.93	-	12	2
	11-20	21.0	-	9	5	12.0	-	+7.3	11	0	76	20	+5.0	11	0	12.2	-	3.99	-	16	4
	21-end	60.0	-	9	9	10.8	-	+2.6	28	0	64	15	-1.2	28	1	11.2	-	2.16	-	19	6
	Month	116.0	117	26	21	12.5	-0.5	+2.6	28	0	241	80	-1.2	28	1	12.6	-	3.03	80	16	12
Dublin Airport Co. Dublin	1-10	12.3	-	6	3	14.4	-	+7.0	04	0	100	44	+4.6	04	0	16.1	-	3.56	-	8	1
	11-20	77.0	-	7	4	11.2	-	+4.7	13	0	68	14	+1.6	14	0	12.5	-	5.22	-	9	0
	21-end	35.0	-	9	7	12.0	-	+4.2	28	0	76	21	-1.6	28	1	12.0	-	3.25	-	12	4
	Month	124.3	169	22	14	12.6	-0.6	+4.2	28	0	244	79	-1.6	28	1	13.5	-0.4	4.01	97	10	5
Kinnestry Co. Dublin	1-10	7.6	-	5	3	14.5	-	+6.9	04	0	100	44	+1.9	02	0	-	-	3.80	-	6	-
	11-20	74.9	-	6	4	11.4	-	+4.4	13	0	70	15	-1.3	19	1	-	-	4.85	-	7	-
	21-end	35.3	-	8	7	12.2	-	+2.2	28	0	78	24	-4.3	28	1	-	-	3.04	-	11	-
	Month	117.8	-	19	14	12.7	-	+2.2	28	0	248	83	-4.3	28	2	-	-	3.90	-	7	-
Lucan (U.C.D. Field Sta.) Co. Dublin	1-10	11.3	-	7	3	13.8	-	+5.3	04	0	95	39	-0.9	04	1	-	-	3.67	-	5	-
	11-20	64.3	-	6	4	10.6	-	+2.8	13	0	62	10	-2.7	13	4	-	-	4.83	-	6	-
	21-end	39.9	-	8	6	11.5	-	+0.2	28	0	71	19	-5.0	28	1	-	-	2.92	-	8	-
	Month	115.5	-	21	13	12.0	-	+0.2	28	0	228	68	-5.0	28	6	-	-	3.81	-	6	-
Galway (Univ. Coll.) Co. Galway	1-10	54.8	-	8	7	14.7	-	+8.2	04	0	103	47	-0.5	04	1	-	-	3.77	-	-	-
	11-20	33.8	-	7	6	11.9	-	+4.4	13	0	76	20	+1.6	11	0	-	-	4.62	-	NA	-
	21-end	67.5	-	9	8	11.8	-	+4.5	28	0	74	19	-3.0	28	2	-	-	3.06	-	-	-
	Month	156.1	-	24	21	12.8	-	+4.4	13	0	253	86	-3.0	28	3	-	-	3.82	-	-	-
Killarney (Muckross Hse) Co. Kerry	1-10	22.1	-	7	5	14.8	-	+4.0	04	0	104	48	+1.0	05	0	-	-	3.34	-	-	-
	11-20	32.5	-	9	7	11.2	-	+4.0	14	0	69	14	-1.0	14	1	-	-	3.13	-	-	-
	21-end	126.6	-	9	9	12.0	-	+4.5	28	0	76	18	+1.2	28	0	-	-	3.03	-	-	-
	Month	181.2	-	25	21	12.7	-	+4.0	04	0	249	80	-1.0	14	1	-	-	3.17	-	-	-
Cahiriveen (Valentia Obsy.) Co. Kerry	1-10	21.7	-	7	5	14.3	-	+6.1	04	0	100	44	+4.0	04	0	16.5	-	4.89	-	7	1
	11-20	42.7	-	9	7	11.9	-	+5.6	14	0	75	19	+3.0	14	0	13.2	-	4.11	-	11	3
	21-end	97.7	-	9	9	12.0	-	+5.1	28	0	77	21	+3.3	28	0	13.0	-	3.22	-	14	5
	Month	162.1	133	25	21	12.8	-1.2	+5.1	28	0	252	84	+3.0	14	0	14.2	-0.2	4.07	106	11	9

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		Amount	Percentage of Average	No. of Rain Days		AIR					GROUND			SOIL (10cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
				No. of Rain Days	No. of Wet Days	Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.0°C	Degree Days Above 10.0°C	Lowest	Grass Minimum	Day					No. of Days with Ground Frost	Mean Daily
mm	%			°C	°C	°C				°C	°C	°C	°C	°C	Hr	%	Kt				
Tralee (Caherweesheen) Co. Kerry	1-10	26.1	-	6	5	15.3	-	+5.0	04	0	109	53	+3.1	04	0	-	-	4.68	-	-	-
	11-20	26.1	-	9	6	11.5	-	+4.2	14	0	71	16	+0.6	15	0	-	-	3.39	-	-	-
	21-end	99.8	-	9	8	12.4	-	+4.3	28	0	80	24	+2.8	28	0	-	-	3.52	-	-	-
	Month	152.0	-	24	19	13.1	-	+4.2	14	0	260	93	+0.6	15	0	-	-	3.86	-	-	-
Lullymore Co. Kildare	1-10	23.3	-	7	5	13.8	-	+2.5	04	0	94	39	-4.6	04	2	-	-	3.17	-	6	-
	11-20	64.6	-	7	5	9.9	-	0.0	13	0	55	8	NA	-	-	-	-	4.19	-	8	-
	21-end	76.2	-	9	9	11.2	-	+1.1	28	0	68	16	-3.2	28	1	-	-	2.99	-	12	-
	Month	164.1	-	23	19	11.6	-	0.0	13	0	217	63	NA	-	-	-	-	3.45	-	9	-
Kilkenny Co. Kilkenny	1-10	10.0	-	5	3	14.1	-	+2.5	04	0	98	42	-0.5	04	1	16.7	-	3.86	-	4	0
	11-20	57.0	-	5	4	10.0	-	-0.4	16	1	56	10	-2.2	16	3	11.8	-	3.90	-	5	1
	21-end	72.3	-	9	6	11.4	-	-0.3	28	1	70	18	-5.6	28	1	12.0	-	3.03	-	8	3
	Month	139.3	165	19	13	11.9	-1.3	-0.4	16	2	224	70	-5.6	28	5	13.5	-0.4	3.60	94	6	4
Mooncoin (Silverspring) Co. Kilkenny	1-10	19.3	-	6	4	14.2	-	+6.2	04	0	99	43	-1.5	04	1	-	-	3.58	-	-	-
	11-20	52.6	-	4	4	10.0	-	-0.9	16	1	57	9	-5.4	16	7	-	-	4.07	-	-	-
	21-end	65.6	-	8	7	11.8	-	+2.2	26	0	74	21	-4.0	28	3	-	-	3.56	-	-	-
	Month	137.5	-	18	15	12.0	-	-0.9	16	1	230	73	-5.4	16	11	-	-	3.74	-	-	-
Ballinamore Co. Leitrim	1-10	17.3	-	7	7	13.5	-	+5.2	03	0	91	35	0.0	03	0	-	-	3.00	-	4	-
	11-20	14.8	-	6	4	10.1	-	+2.5	13	0	57	6	-1.4	13	3	-	-	3.84	-	5	-
	21-end	67.5	-	9	8	10.2	-	-1.9	28	1	58	11	-4.3	28	2	-	-	3.03	-	7	-
	Month	99.6	-	22	19	11.2	-	-1.9	28	1	206	52	-4.3	28	5	-	-	3.29	-	5	-
Ardee (Boharnacoe) Co. Louth	1-10	8.7	-	6	4	13.8	-	+4.2	04	0	95	39	0.0	3	0	-	-	-	-	-	-
	11-20	67.7	-	7	6	10.3	-	+1.6	14	0	59	9	-3.1	14	3	-	-	-	-	-	-
	21-end	66.1	-	6	6	NA	-	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-
	Month	142.5	-	19	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	17.0	-	7	7	14.1	-	+5.2	03	0	97	41	-1.9	03	2	-	-	4.37	-	4	-
	11-20	28.6	-	8	8	11.3	-	+2.6	13	0	69	16	-4.1	13	5	-	-	NA	-	4	-
	21-end	107.8	-	10	10	10.9	-	+1.2	28	0	65	12	-4.2	28	2	-	-	3.37	-	8	-
	Month	153.4	-	25	25	12.1	-	+1.2	28	0	231	69	-4.2	28	9	-	-	-	-	5	-

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TABLE 1 (Cont.)

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		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 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%	°C	°C	°C						°C		°C	°C	Hr	%	Kt					
Belmullet Co. Mayo	1-10	31.6	-	7	7	14.3	-	+8.8	10	0	100	44	+8.4	03	0	15.8	-	3.63	-	13	1
	11-20	36.8	-	9	8	11.7	-	+4.3	13	0	73	18	+1.9	13	0	13.1	-	4.32	-	13	3
	21-end	63.7	-	10	8	11.1	-	+2.8	28	0	67	16	-1.1	28	1	11.8	-	2.83	-	16	4
	Month	132.1	124	26	23	12.4	-1.0	+2.8	28	0	240	78	-1.1	28	1	13.5	-0.3	3.59	88	14	8
Claremorris Co. Mayo	1-10	21.4	-	7	6	13.4	-	+5.5	04	0	91	35	+1.5	04	0	15.2	-	3.68	-	6	0
	11-20	41.5	-	8	8	10.4	-	+1.4	13	0	60	10	-1.8	13	2	12.5	-	3.93	-	8	3
	21-end	74.6	-	10	9	10.3	-	+0.9	28	0	60	11	-1.9	28	2	11.5	-	3.14	-	11	2
	Month	137.5	128	25	23	11.4	-1.1	+0.9	28	0	211	56	-1.9	28	4	13.0	-0.2	3.58	103	8	5
Glenties Co. Mayo	1-10	36.9	-	7	6	14.2	-	+7.8	04	0	98	42	+6.3	04	0	-	-	3.46	-	-	-
	11-20	42.8	-	10	7	11.0	-	+1.5	13	0	68	15	-1.0	13	1	-	-	4.11	-	NA	-
	21-end	76.0	-	9	9	10.6	-	+1.4	28	0	62	12	-2.5	28	1	-	-	2.99	-	-	-
	Month	155.7	-	26	22	12.0	-	+1.4	28	0	228	69	-2.5	28	2	-	-	3.52	-	-	-
Dunsany (Grange) Co. Meath	1-10	18.0	-	5	5	13.4	-	+3.5	04	0	91	35	-2.8	04	2	-	-	3.03	-	-	-
	11-20	80.2	-	5	4	10.3	-	+0.6	13	0	59	8	-3.8	13	5	-	-	4.91	-	NA	-
	1-end	71.2	-	9	8	10.9	-	+1.6	28	0	66	15	-2.7	28	1	-	-	2.99	-	-	-
	Month	169.4	-	19	17	11.5	-	+0.6	13	0	216	58	-3.8	13	8	-	-	3.64	-	-	-
Clones Co. Monaghan	1-10	38.1	-	9	6	13.6	-	+5.5	03	0	92	36	+1.5	04	0	14.7	-	3.37	-	6	0
	11-20	12.5	-	7	5	10.4	-	+2.4	13	0	60	9	-1.0	13	1	11.9	-	4.32	-	8	3
	21-end	38.6	-	9	7	10.4	-	+0.1	28	0	60	13	-3.5	28	1	11.0	-	2.95	-	11	4
	Month	89.2	122	25	18	11.5	-0.9	+0.1	28	0	212	58	-3.5	28	2	12.5	-0.8	3.55	109	8	7
Birr Co. Offaly	1-10	30.7	-	6	5	14.2	-	+5.4	04	0	98	42	+0.1	04	0	16.3	-	3.27	-	4	0
	11-20	44.7	-	6	4	13.4	-	+2.3	15	0	60	10	-1.5	13	3	12.3	-	4.66	-	6	1
	21-end	48.6	-	8	8	11.1	-	+2.4	28	0	68	16	-1.9	28	1	11.8	-	2.89	-	10	4
	Month	124.0	144	20	17	11.9	-1.2	+2.3	15	0	226	68	-1.9	28	4	13.5	-0.3	3.61	94	7	5
Thurles Co. Tipperary	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21-end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See (a) and (b) in the Bulletin for explanatory notes on the tables.

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE and WIND

September, 1975.

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 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost	Mean Daily					Difference from Average
Dungarvan (Ballyvaughan) Co. Waterford	1-10	12.9	-	6	3	14.0	-	+6.4	10	0	96	40	+2.0	10	0	-	-	NA	-	2	-
	11-20	69.1	-	6	6	10.4	-	+1.9	16	0	60	9	-2.0	16	5	-	-	NA	-	4	-
	21-end	66.8	-	8	8	11.8	-	+1.1	28	0	74	21	-2.9	28	2	-	-	NA	-	6	-
	Month	148.8	-	20	17	12.1	-	+1.1	28	0	230	70	-2.9	28	7	-	-	3.29	-	6	-
Mullingar Co. Westmeath	1-10	18.8	-	7	6	13.5	-	+4.0	04	0	92	36	+0.1	04	0	15.1	-	3.11	-	7	0
	11-20	45.6	-	7	6	9.8	-	+1.5	13	0	54	6	-1.9	13	1	11.8	-	4.64	-	9	2
	21-end	61.8	-	9	9	10.5	-	+0.1	28	0	62	12	-2.4	28	1	11.1	-	2.88	-	12	3
	Month	126.2	127	23	21	11.3	-1.4	+0.1	28	0	208	54	-2.4	28	2	12.7	-0.8	3.54	94	9	5
Campile (Ballysoy) Co. Wexford	1-10	10.8	-	6	4	14.5	-	+6.8	04	0	101	45	0.0	04	0	-	-	3.76	-	-	-
	11-20	34.2	-	5	4	10.5	-	+3.1	16	0	61	9	-2.4	16	2	-	-	3.93	-	NA	-
	21-end	50.1	-	8	7	12.0	-	+3.1	28	0	78	22	-1.5	28	2	-	-	2.70	-	-	-
	Month	95.1	-	19	15	12.3	-	+3.1	16	0	240	76	-2.4	16	4	-	-	3.46	-	-	-
Clonroche Co. Wexford	1-10	8.2	-	6	4	14.0	-	+5.8	04	0	97	41	-	-	-	-	-	3.88	-	4	-
	11-20	40.3	-	6	4	9.8	-	+1.0	16	0	54	6	-	-	-	-	-	4.15	-	5	-
	21-end	72.0	-	9	8	11.5	-	+1.0	28	0	71	18	-	-	-	-	-	3.07	-	8	-
	Month	120.5	-	21	16	11.8	-	+1.0	16	0	222	65	-	-	-	-	-	3.70	-	6	-
Johnstown Castle Co. Wexford	1-10	8.3	-	6	2	14.2	-	+8.0	04	0	98	42	+1.0	03	0	-	-	4.42	-	5	-
	11-20	30.7	-	5	4	10.8	-	+3.5	16	0	64	11	-3.0	16	3	-	-	4.38	-	7	-
	21-end	55.0	-	8	7	12.2	-	+4.2	28	0	79	23	-2.6	28	1	-	-	3.77	-	10	-
	Month	94.0	95	19	13	12.4	-	+3.5	16	0	241	76	-3.0	16	4	-	-	4.19	-	7	-
Rossmore Co. Wexford	1-10	11.7	-	5	3	15.0	-	+9.3	04	0	106	50	+4.2	01	0	17.0	-	5.80	-	8	1
	11-20	16.5	-	5	4	11.7	-	+6.5	13	0	74	18	+0.1	16	0	12.4	-	4.98	-	12	4
	21-end	45.2	-	8	6	12.6	-	+6.4	26	0	82	26	+1.0	28	0	13.0	-	4.51	-	14	7
	Month	73.4	88	18	13	13.1	-0.9	+6.4	26	0	262	94	+0.1	16	0	14.1	-0.8	5.10	102	11	12

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

TABLE 2.

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

September, 1975.

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
		Joule/cm <sup>2</sup>	mm	mm	mm	mm
Carlow (Oak Park) Co. Carlow	1-10	-	27	-	91	1
	11-20	-	22	-	31	60
	21-end	-	16	-	0	46
	Month	-	65	-	-	-
Kinsealy Co. Dublin	1-10		24	-	99	3
	11-20		32	-	31	68
	21-end	NA	18	-	13	18
	Month		74	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	12656	20	-	51	2
	11-20	11220	9	-	10	41
	21-end	8505	21	-	0	73
	Month	32381	50	-	-	-
Kilkenny e Co. Kilkenny	1-10	11985	-	-	-	-
	11-20	10810	-	-	-	-
	21-end	8431	-	-	-	-
	Month	31226	-	-	-	-
Ballinamore Co. Leitrim	1-10	9826	16	-	46	5
	11-20	10174	20	2	48	-
	21-end	8029	19	-	0	53
	Month	28029	55	-	-	-
Glenamoy Co. Mayo	1-10	-	19	-	0	18
	11-20	-	17	-	0	26
	21-end	-	2	-	0	74
	Month	-	38	-	-	-
Birr e Co. Offaly	1-10	10503	-	-	-	-
	11-20	11079	-	-	-	-
	21-end	8139	-	-	-	-
	Month	29721	-	-	-	-
Johnstown Castle Co. Wexford	1-10 <sup>1</sup>	-	24	8	68	-
	11-20	-	17	-	47	21
	21-end	-	19	-	7	40
	Month	-	60	-	-	-

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