



AGROMETEOROLOGICAL BULLETIN

SEPTEMBER 1976

The Weather in September

The first week was mainly dry. Daytime temperatures were well up to normal. The warmest days of the month were 1st, 6th and 7th when maximum temperatures of 22°C were recorded. Ground frost affected quite a number of places on 2nd and 3rd. The period 8th to 14th was cool and unsettled. On 10th many stations had more than half an inch of rain. On the other six days amounts of rain were small. Between 9th and 11th it was windy with gusts ranging from 35 to 60 kts. During the first fortnight winds were predominantly from the north or northwest. For the remainder of the month we had southeasterly or easterly winds. Mostly dry conditions prevailed between 15th and 17th with ground frost developing at night in many areas. Parts of the south and west had rain on 17th and 18th. From 19th to 30th all areas had dull, close weather with spells of rain. Fog was widespread between 20th and 26th.

Mean Monthly Rainfall amounts varied widely. Over most of Leinster, Munster and east Ulster amounts ranged from 100% to 140% of normal. However in counties Dublin, Wicklow and Louth rainfall amounted to between 150% and 230% of normal. Here, most of the month's rain fell between 23rd and 27th, when many of these eastern areas averaged about one inch per day. Much of Connaught and West Ulster had only 60% to 80% of normal rainfall due to smaller falls in the final week. Then, a depression centred south of Ireland caused rainbelts from the Biscay area to affect us. These were at their most active at first landfall in the east and south but had weakened by the time they reached the northwest. Thunderstorms were reported on 21st, 24th, 28th and 30th. By the end of the month the soil moisture status was satisfactory in all areas. There was practically no weather favourable to the spread of potato blight during the first three weeks of September but all areas had significant blight spells between 20th and 30th.

Mean Monthly Air Temperatures ranged generally from normal to 0.8°C below. In parts of the west and southwest they were slightly above normal. Four inch soil temperatures were generally 0.1°C to 0.6°C above normal, probably due to the small number of cold nights during the month.

Mean daily duration of sunshine ranged from 70% to 95% of normal but was 107% of normal at Clones.

Summary. September was marked by heavy rain in the last week, especially in the east and south. Air temperatures were about or below normal but soil temperatures were above normal.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

SEPTEMBER, 1976

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
mm	%	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	Hr	%	Kt				
Carlow (Oak Park) Co. Carlow	1-10	10.6	-	1	1	13.0	-	0.8	03	0	86	31	-4.5	03	2	-	-	4.09	-	6	-
	11-20	22.9	-	5	4	11.3	-	3.2	17	0	69	14	-3.0	17	2	-	-	2.61	-	7	-
	21-end	75.1	-	9	9	13.7	-	3.2	23	0	94	38	0.2	23	0	-	-	2.00	-	5	-
	Month	108.6	-	15	14	12.7	-	0.8	03	0	249	83	-4.5	03	4	-	-	2.90	-	6	-
Shannon Airport e Co. Clare	1-10	19.7	-	3	2	14.1	-	7.1	02	0	98	42	1.6	02	0	16.4	-	3.45	-	7	2
	11-20	30.2	-	6	4	12.7	-	6.1	12	0	83	27	1.5	12	0	13.3	-	2.94	-	9	2
	21-end	43.2	-	7	6	14.7	-	6.7	22	0	103	47	5.1	22	0	14.6	-	2.77	-	8	0
	Month	93.1	105	16	12	13.8	+0.1	6.1	12	0	284	116	1.5	12	0	14.8	+0.3	3.05	78	8	4
Fermoy (Moore Park) Co. Cork	1-10	6.7	-	3	2	12.6	-	2.6	03	0	82	26	-2.2	03	1	-	-	3.79	-	6	-
	11-20	12.7	-	4	4	12.0	-	3.5	11	0	76	21	1.5	11	0	-	-	2.96	-	7	-
	21-end	81.4	-	8	7	13.5	-	3.5	22	0	91	35	1.5	22	0	-	-	2.37	-	5	-
	Month	100.8	-	15	13	12.7	-	2.6	03	0	249	82	-2.2	03	1	-	-	3.04	-	6	-
Mallow Co. Cork	1-10	9.0	-	3	2	13.1	-	2.9	03	0	88	32	-0.6	03	2	-	-	3.24	-	-	-
	11-20	26.5	-	10	6	12.3	-	4.9	12	0	79	23	-0.1	12	1	-	-	3.05	-	-	-
	21-end	56.5	-	9	7	13.9	-	3.0	22	0	95	39	1.2	22	0	-	-	2.32	-	-	-
	Month	92.0	101	22	15	13.1	-	2.9	03	0	262	94	-0.6	03	3	-	-	2.87	-	-	-
Roche's Point e Co. Cork	1-10	2.5	-	1	1	14.1	-	8.0	03	0	97	41	5.0	03	0	16.1	-	4.92	-	11	3
	11-20	16.3	-	5	4	12.8	-	7.6	12	0	84	28	5.9	12	0	13.7	-	3.68	-	13	4
	21-end	62.9	-	8	7	14.3	-	8.3	22	0	98	42	5.7	22	0	14.7	-	3.61	-	11	1
	Month	81.7	98	14	12	13.7	-0.3	7.6	12	0	279	111	5.0	03	0	14.8	+0.3	4.07	97	12	8
Glencolumbkille Co. Donegal	1-10	35.1	-	8	5	13.5	-	7.1	09	0	91	35	5.5	09	0	-	-	2.97	-	NA	-
	11-20	36.2	-	6	5	11.8	-	3.9	17	0	74	18	1.5	17	0	-	-	3.77	-	7	-
	21-end	40.2	-	5	5	14.0	-	8.2	22	0	96	40	4.3	22	0	-	-	2.77	-	7	-
	Month	111.5	-	19	15	13.1	-	3.9	17	0	261	93	1.5	17	0	-	-	3.17	-	-	-
Glenties Co. Donegal	1-10	36.2	-	8	4	12.7	-	3.0	03	0	83	27	-2.5	03	1	-	-	3.48	-	-	-
	11-20	26.0	-	6	5	11.4	-	2.3	17	0	70	17	-3.6	17	1	-	-	4.56	-	-	-
	21-end	30.0	-	7	6	13.9	-	5.5	23	0	96	40	-0.7	23	1	-	-	2.39	-	-	-
	Month	92.2	64	21	15	12.7	-	2.3	17	0	249	84	-3.6	17	3	-	-	3.48	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

SEPTEMBER, 1976

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	33.3	-	4	3	13.0	-	6.7	10	0	86	32	6.5	09	0	15.1	-	4.14	-	16	3
	11-20	5.0	-	4	1	12.0	-	5.3	17	0	77	21	3.0	17	0	12.4	-	4.60	-	17	5
	21-end	28.2	-	4	3	13.3	-	8.0	22	0	90	34	3.5	22	0	13.6	-	1.85	-	14	4
	Month	66.5	73	12	7	12.8	-0.2	5.3	17	0	253	87	3.0	17	0	13.7	-	3.53	93	16	12
Dublin Airport Co. Dublin	1-10	17.7	-	2	2	13.2	-	4.8	03	0	88	33	3.0	03	0	15.8	-	3.36	-	9	2
	11-20	17.4	-	6	5	11.2	-	4.6	17	0	68	13	-1.4	17	1	12.5	-	4.56	-	10	1
	21-end	109.5	-	9	7	13.8	-	8.8	23	0	94	38	3.0	23	0	14.4	-	1.95	-	8	1
	Month	144.6	197	17	14	12.7	-0.5	4.6	17	0	250	84	-1.4	17	1	14.2	+0.3	3.29	79	9	4
Kinsealy Co. Dublin	1-10	15.7	-	2	2	13.7	-	4.8	03	0	93	38	2.3	03	0	-	-	3.07	-	8	-
	11-20	15.8	-	5	4	11.0	-	1.3	17	0	66	13	-3.7	17	3	-	-	4.21	-	8	-
	21-end	100.0	-	8	7	13.7	-	6.5	23	0	94	38	0.6	23	0	-	-	2.11	-	8	-
	Month	131.5	-	15	13	12.8	-	1.3	17	0	253	89	-3.7	17	3	-	-	3.13	-	8	-
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	25.7	-	3	2	13.1	-	3.3	03	0	88	33	-0.5	03	1	-	-	3.41	-	6	-
	11-20	15.6	-	5	5	10.8	-	0.8	17	0	65	13	-2.4	17	2	-	-	4.21	-	6	-
	21-end	124.5	-	9	9	14.1	-	6.7	23	0	98	42	3.1	23	0	-	-	1.88	-	4	-
	Month	165.8	-	17	16	12.7	-	0.8	17	0	251	88	-2.4	17	3	-	-	3.17	-	5	-
Galway (Univ. Coll.) Co. Galway	1-10	22.2	-	3	3	14.5	-	7.8	10	0	101	45				-	-	3.81	-		-
	11-20	21.9	-	5	2	12.7	-	7.4	11	0	83	27				-	-	3.54	-	NA	-
	21-end	62.9	-	8	5	14.1	-	5.4	22	0	97	41	NA		NA	-	-	3.50	-		-
	Month	107.0	-	16	10	13.8	-	5.4	22	0	281	113				-	-	3.62	-		-
Killarney (Muckross Hse) Co. Kerry	1-10	25.9	-	4	3	14.4	-	4.5	03	0	101	45	-1.0	03	1	-	-	3.43	-	-	-
	11-20	33.8	-	7	6	12.0	-	6.5	14	0	76	20	-1.0	12	1	-	-	3.09	-	-	-
	21-end	98.5	-	7	7	14.0	-	3.8	22	0	97	41	-0.8	22	1	-	-	NA	-	-	-
	Month	158.2	-	18	16	13.5	-	3.8	22	0	274	106	-1.0	03	3	-	-	-	-	-	-
Cahiriveen (Valentia Bay.) Co. Kerry	1-10	24.3	-	4	3	14.3	-	7.6	03	0	99	43	3.4	03	0	16.6	-	3.41	-	10	3
	11-20	40.0	-	9	6	13.1	-	7.7	11	0	87	31	6.5	12	0	13.7	-	3.21	-	13	4
	21-end	106.5	-	8	7	14.6	-	6.5	22	0	102	46	4.3	22	0	14.3	-	2.87	-	11	2
	Month	170.8	140	21	16	14.0	0.0	6.5	22	0	288	120	3.4	03	0	14.8	+0.4	3.16	83	11	9

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TABLE 1. (Continued)

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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	°C	°C	°C	°C	°C	°C	Hr	%	Kt					
Tralee (Caherweesheen) Co. Kerry	1-10	24.5	-	3	3	14.0	-	6.6	02	0	97	41	3.2	02	0	-	-	2.88	-	-	-
	11-20	24.4	-	6	5	12.5	-	5.9	12	0	81	25	1.8	12	0	-	-	3.33	-	-	-
	21-end	61.3	-	6	6	14.2	-	4.4	22	0	98	42	2.2	22	0	-	-	3.23	-	-	-
	Month	110.2	-	15	14	13.6	-	4.4	22	0	276	108	1.8	12	0	-	-	3.15	-	-	-
Lullymore Co. Kildare	1-10	22.8	-	4	2	12.1	-	0.0	03	0	77	24	-7.8	03	3	-	-	3.60	-	8	-
	11-20	16.5	-	3	3	10.7	-	2.4	17	0	63	11	-3.9	17	2	-	-	3.46	-	9	-
	21-end	88.8	-	10	7	13.5	-	4.2	23	0	91	36	-1.2	22	1	-	-	2.30	-	7	-
	Month	128.1	-	17	12	12.1	-	0.0	03	0	231	71	-7.8	03	6	-	-	3.12	-	8	-
Kilkenny Co. Kilkenny	1-10	12.5	-	2	2	13.0	-	1.4	03	0	87	31	-2.5	03	1	16.0	-	4.53	-	6	1
	11-20	17.4	-	4	3	11.3	-	3.7	11	0	70	15	1.1	11	0	12.7	-	2.11	-	6	1
	21-end	65.7	-	8	7	13.6	-	3.6	23	0	93	37	1.1	23	0	14.2	-	1.79	-	4	0
	Month	95.6	113	14	12	12.7	-0.5	1.4	03	0	250	83	-2.5	03	1	14.3	+0.4	2.81	73	5	2
Mooncoin (Silverspring) Co. Kilkenny	1-10	5.3	-	2	1	12.7	-	3.0	03	0	83	28	NA	NA	-	-	-	5.09	-	-	-
	11-20	26.2	-	6	2	11.8	-	4.0	13	0	75	19	-1.9	13	2	-	-	2.76	-	-	-
	21-end	67.9	-	9	8	14.1	-	4.9	26	0	97	41	2.2	26	0	-	-	1.90	-	-	-
	Month	99.4	-	17	11	12.9	-	3.0	03	0	255	88	-	-	-	-	-	3.25	-	-	-
Ballinamore Co. Leitrim	1-10	12.6	-	3	3	NA	-	NA	NA	NA	NA	NA	NA	NA	-	-	-	NA	-	7	-
	11-20	13.0	-	5	2	11.2	-	-0.6	17	1	69	15	-6.2	17	1	-	-	4.11	-	6	-
	21-end	67.4	-	8	7	13.7	-	5.7	22	0	94	38	1.4	22	0	-	-	1.37	-	4	-
	Month	93.0	-	16	12	-	-	-	-	-	-	-	-	-	-	-	-	-	1.37	-	6
Ardee (Boharnamoe) Co. Louth	1-10	13.1	-	3	2	12.7	-	2.5	03	0	84	28	-3.4	03	2	-	-	-	-	-	-
	11-20	7.6	-	6	2	10.7	-	-1.2	17	1	64	12	-3.7	16	5	-	-	-	-	-	-
	21-end	87.1	-	9	6	13.9	-	6.2	23	0	95	39	2.2	23	0	-	-	-	-	-	-
	Month	107.8	-	18	10	12.5	-	-1.2	17	1	243	79	-3.7	16	7	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10		-				-											NA	-	-	-
	11-20		-				-											2.99	-	-	-
	21-end		-				-											2.20	-	-	-
	Month		-				-											-	-	-	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

SEPTEMBER, 1976

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
mm	%	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	Hr	%	Kt					
Belmullet Co. Mayo	1-10	23.8	-	6	4	13.6	-	8.0	09	0	92	36	5.9	03	0	16.0	-	3.34	-	11	3
	11-20	18.2	-	7	4	12.2	-	6.6	17	0	78	22	2.4	17	0	13.2	-	2.75	-	13	3
	21-end	21.6	-	6	5	13.6	-	5.1	22	0	92	36	0.7	22	0	13.6	-	3.14	-	10	1
	Month	63.6	60	19	13	13.1	-0.3	5.1	22	0	262	94	0.7	22	0	14.3	+0.5	3.08	75	11	7
Claremorris Co. Mayo	1-10	18.2	-	3	3	12.9	-	6.3	08	0	85	29	3.1	03	0	15.5	-	3.24	-	5	3
	11-20	18.8	-	6	2	11.4	-	3.4	17	0	70	16	2.1	17	0	12.7	-	3.13	-	7	2
	21-end	41.3	-	8	6	13.6	-	2.0	22	0	92	36	-0.2	22	1	13.6	-	2.58	-	7	0
	Month	78.3	73	17	11	12.6	+0.1	2.0	22	0	247	81	-0.2	22	1	13.9	+0.7	2.98	86	6	5
Glenaroy Co. Mayo	1-10	39.2	-	8	4	13.2	-	7.1	09	0	89	33	5.4	09	0	-	-	2.44	-	-	-
	11-20	18.4	-	7	5	11.5	-	5.0	17	0	71	15	3.1	17	0	-	-	2.71	-	NA	-
	21-end	27.7	-	6	4	13.1	-	1.5	22	0	87	32	-0.4	22	1	-	-	2.54	-	NA	-
	Month	85.3	-	21	13	12.6	-	1.5	22	0	247	80	-0.4	22	1	-	-	2.56	-	-	-
Dunsany (Grange) Co. Meath	1-10	28.8	-	2	2	12.4	-	1.5	03	0	81	26	-5.0	03	2	-	-	3.50	-	-	-
	11-20	12.7	-	6	5	10.6	-	2.0	17	0	63	11	-3.0	17	2	-	-	3.96	-	NA	-
	21-end	81.8	-	9	8	13.7	-	5.0	23	0	94	38	NA	NA	-	-	-	2.13	-	NA	-
	Month	123.3	143	17	15	12.3	-	1.5	03	0	238	75	-	-	-	-	-	3.20	-	-	-
Clones Co. Monaghan	1-10	24.2	-	3	2	12.5	-	4.6	03	0	81	27	-1.2	03	1	14.3	-	3.81	-	8	3
	11-20	21.7	-	5	4	11.0	-	2.1	17	0	67	14	-2.9	16	2	12.0	-	4.87	-	9	1
	21-end	63.5	-	8	6	13.5	-	6.1	23	0	91	35	3.3	23	0	13.5	-	1.81	-	6	0
	Month	109.4	126	16	12	12.4	0.0	2.1	17	0	239	76	-2.9	16	3	13.3	0.0	3.50	107	8	4
Birr Co. Offaly	1-10	17.7	-	3	2	12.9	-	1.6	03	0	85	29	-2.6	03	2	16.3	-	3.73	-	6	1
	11-20	14.6	-	3	3	11.7	-	5.0	17	0	73	19	2.0	17	0	12.8	-	3.03	-	8	1
	21-end	48.0	-	9	8	13.5	-	3.0	22	0	91	35	1.0	22	0	14.0	-	2.98	-	7	0
	Month	80.3	93	15	13	12.7	-0.4	1.6	03	0	249	83	-2.6	03	2	14.4	+0.6	3.25	84	7	2
Thurles Co. Tipperary	1-10	10.7	-	3	2	12.4	-	0.2	03	0	81	27	-3.0	03	2	-	-	4.46	-	-	-
	11-20	11.0	-	4	3	11.1	-	4.0	11	0	67	13	0.5	11	0	-	-	2.55	-	-	-
	21-end	77.9	-	8	7	NA	-	NA	NA	NA	NA	NA	NA	NA	NA	-	-	NA	-	-	-
	Month	99.6	113	15	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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TABLE 1. (Continued)

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SEPTEMBER, 1976

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
mm	%	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	Hr	%	Kt					
Dunyarvan (Bullygagin) Co. Waterford	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21-end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mullingar Co. Westmeath	1-10	21.7	-	3	2	12.6	-	4.6	03	0	82	27	-1.0	03	1	14.9	-	3.90	-	8	2
	11-20	12.9	-	5	3	10.9	-	1.6	17	0	65	12	-2.4	17	1	11.8	-	3.15	-	10	2
	21-end	74.2	-	9	9	13.6	-	4.5	22	0	93	37	1.1	23	0	13.7	-	2.34	-	9	0
	Month	108.8	116	17	14	12.4	-0.3	1.6	17	0	240	76	-2.4	17	2	13.4	-0.1	3.13	83	9	4
Campile (Ballysop) Co. Wexford	1-10	14.2	-	2	2	13.0	-	5.4	03	0	87	31	0.0	03	0	-	-	5.10	-	-	-
	11-20	23.8	-	5	4	11.4	-	4.6	11	0	70	16	-2.4	13	2	-	-	2.92	-	NA	-
	21-end	78.6	-	6	6	13.7	-	4.5	22	0	93	37	-0.2	22	1	-	-	1.57	-	-	-
	Month	116.6	-	13	12	12.7	-	4.5	22	0	250	84	-2.4	13	3	-	-	3.20	-	-	-
Clonroche Co. Wexford	1-10	22.9	-	3	2	12.3	-	2.5	05	0	79	24	-2.5	03	1	-	-	5.47	-	4	-
	11-20	28.3	-	8	4	10.8	-	2.7	16	0	65	12	-2.5	16	2	-	-	3.41	-	5	-
	21-end	74.9	-	9	7	13.3	-	4.5	22	0	89	33	1.0	23	0	-	-	1.58	-	5	-
	Month	126.1	-	20	13	12.1	-	2.5	05	0	233	69	-2.5	16	3	-	-	3.49	-	5	-
Johnstown Castle Co. Wexford	1-10	18.1	-	3	2	12.9	-	5.8	03	0	86	30	1.0	03	0	-	-	4.96	-	6	-
	11-20	29.6	-	6	4	11.3	-	5.2	16	0	69	14	-0.6	17	1	-	-	3.19	-	7	-
	21-end	67.6	-	9	8	13.6	-	7.1	22	0	92	36	2.0	22	0	-	-	1.29	-	7	-
	Month	115.3	116	18	14	12.6	-	5.2	16	0	247	80	-0.6	17	1	-	-	3.15	-	7	-
Rosslare Co. Wexford	1-10	13.2	-	2	1	13.5	-	6.4	10	0	91	35	3.0	06	0	15.7	-	5.54	-	9	2
	11-20	23.1	-	4	4	12.0	-	6.3	11	0	77	21	3.8	17	0	12.5	-	3.38	-	13	3
	21-end	47.7	-	9	7	14.0	-	9.6	22	0	97	41	4.6	26	0	14.6	-	2.05	-	9	0
	Month	84.0	101	15	12	13.2	-0.8	6.3	11	0	265	97	3.0	06	0	14.3	-0.6	3.66	73	10	5

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

TABLE 2.

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE SEPTEMBER, 1976

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
		Joule/cm ²	mm	mm	mm	mm
Carlow (Oak Park) Co. Carlow	1-10	-	41	-	103	6
	11-20	-	18	-	83	20
	21-end	-	3	-	9	74
	Month	-	62	-	-	-
Kinsealy * Co. Dublin	1-10	9676	29	-	90	9
	11-20	10004	16	-	79	11
	21-end	5919	10	-	0	95
	Month	25599	55	-	-	-
Cahiriveen e (Valentia Obay.) Co. Kerry	1-10	11408	31	-	73	0
	11-20	10029	17	-	32	41
	21-end	7749	11	-	0	97
	Month	29186	59	-	-	-
Kilkenny e Co. Kilkenny	1-10	11763	-	-	-	-
	11-20	8783	-	-	-	-
	21-end	7539	-	-	-	-
	Month	28085	-	-	-	-
Ballinamore Co. Leitrim	1-10		31	-	85	1
	11-20		19	-	79	6
	21-end	NA	2	-	12	67
	Month		52	-	-	-
Glenamoy Co. Mayo	1-10	-	15	-	52	33
	11-20	-	17	-	47	5
	21-end	-	9	-	26	21
	Month	-	41	-	-	-
Birr e Co. Offaly	1-10	11252	-	-	-	-
	11-20	10271	-	-	-	-
	21-end	8792	-	-	-	-
	Month	30316	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	40	-	91	10
	11-20	-	20	-	68	23
	21-end	-	5	-	3	65
	Month	-	65	-	-	-

See January issue of Bulletin for explanatory notes on the tables. *Solar Radiation Valued from Dublin. ~~Adapted~~