



## AGROMETEOROLOGICAL BULLETIN

OCTOBER 1976

### The Weather during October

October was a wet month except in parts of the northwest. Usually the track of the rain-bearing, low-pressure centres is to the north of Ireland. During October the track of these Atlantic depressions was over or to the south of Ireland, for much of the time. Consequently, for the second month in succession, areas near the south and east coasts had rainfall much in excess of normal while parts of the northwest had below normal rainfall.

Mean Monthly Rainfall. Amounts ranged from 120% to 170% of normal generally. Extreme values ranged from 230% of normal at Rosslare to 85% of normal at Belmullet. Some areas had over an inch of rain on 11th, 14th and 23rd. At Phoenix Park, Dublin, it was the wettest September-October period since records began there in 1837. Thunderstorms or hail showers were reported on 11th, 18th, 21st and 22nd. Soils had a moisture surplus of from four to seven inches to dispose of by drainage or surface run-off.

Mean daily Air Temperatures were about 1° C below normal in most areas. During the first ten days the mean daily air temperatures were above normal. During the rest of the month they were below normal. Four inch soil temperatures were from 0.5° C to 1° C below normal. As in the case of the air temperatures, soil temperatures were high at the beginning of the month and grass growth was good. Soil temperatures fell by 5° or 6° C during the month and grass growth had slowed considerably by the end of October. During the latter half of the month fairly frequent air frosts and fogs occurred. On 28th, the lowest air temperatures of the month (-2° C) were recorded.

Monthly totals of bright sunshine were about 100 hours in most areas but ranged from 63 hours at Clones to 120 hours at Roches Point. These values represented 100% to 125% of normal generally but near the east coast and in parts of Ulster only 80% to 90% of normal sunshine was recorded.

The strongest winds of the month occurred on 5th and 6th but 14th and 21st were also windy. The range of gusts, on these four days, was from 35 to 55 kts but some gusts in the range 60 to 72 kts occurred near coasts in Ulster and Connaught on 6th.

Summary. October was wet and cool but sunshine was above normal in many areas.

TABLE 1.

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

OCTOBER, 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	Hr	%	Kt						
Carlow (Oak Park) Co. Carlow	1-10	31.1	-	8	6	11.7	-	4.2	05	0	73	18	-0.5	05	1	-	-	3.46	-	7	-
	11-20	57.0	-	8	7	9.1	-	0.7	20	0	48	5	-3.0	20	3	-	-	3.42	-	6	-
	21-end	62.2	-	11	5	7.7	-	0.5	24	0	37	0	-3.7	24	5	-	-	2.63	-	4	-
	Month	150.3	-	27	18	9.5	-	0.5	24	0	158	23	-3.7	24	9	-	-	3.15	-	6	-
Shannon Airport e Co. Clare	1-10	37.7	-	8	7	12.3	-	7.5	05	0	79	23	2.4	09	0	13.1	-	3.70	-	10	2
	11-20	74.0	-	10	9	10.1	-	3.3	16	0	57	6	0.0	16	0	10.9	-	3.13	-	9	2
	21-end	24.9	-	7	6	7.8	-	0.2	28	0	47	0	-1.1	26	3	8.9	-	2.64	-	7	1
	Month	136.6	151	25	22	10.0	-0.7	0.2	28	0	183	29	-1.1	26	3	10.9	-0.4	3.14	109	9	5
Fermoy (Moore Park) Co. Cork	1-10	58.3	-	8	6	11.2	-	3.4	04	0	68	14	0.5	04	0	-	-		-	6	-
	11-20	66.4	-	9	7	8.7	-	-0.6	16	1	43	3	-2.8	16	3	-	-		-	6	-
	21-end	39.3	-	7	4	6.9	-	-1.9	26	3	27	0	-4.5	28	5	-	-	NA	-	4	-
	Month	164.0	-	24	17	8.8	-	-1.9	26	4	138	17	-4.5	28	8	-	-		-	5	-
Mallow Co. Cork	1-10	47.8	-	7	6		-									-	-	3.58	-	-	-
	11-20	67.2	-	10	7	NA	-									-	-	2.64	-	-	-
	21-end	32.4	-	7	7		-			NOF	AVAILABLE					-	-	2.65	-	-	-
	Month	147.4	152	24	20		-									-	-	2.95	-	-	-
Roche's Point e Co. Cork	1-10	51.9	-	8	7	12.5	-	6.9	04	0	81	25	4.7	04	0	13.0	-	4.09	-	13	3
	11-20	74.3	-	9	8	10.3	-	4.6	16	0	58	5	-0.6	16	1	10.7	-	3.42	-	14	6
	21-end	42.5	-	6	5	9.2	-	2.9	26	0	54	1	-1.1	26	2	9.3	-	4.05	-	10	4
	Month	168.7	193	23	20	10.6	-0.8	2.9	26	0	193	31	-1.1	26	3	10.9	-0.9	3.86	121	12	13
Glencolumbkille Co. Donegal	1-10	70.6	-	10	9	11.4	-	4.5	04	0	71	17	2.4	04	0	-	-	2.70	-	7	-
	11-20	96.8	-	9	7	9.4	-	4.1	13	0	50	3	1.5	13	0	-	-	2.43	-	7	-
	21-end	26.8	-	5	4	7.3	-	2.5	26	0	45	1	-0.6	26	1	-	-	3.35	-	5	-
	Month	194.2	-	24	20	9.3	-	2.5	26	0	166	21	-0.6	26	1	-	-	2.85	-	6	-
Glenties Co. Donegal	1-10	75.8	-	10	7	11.2	-	4.5	04	0	68	13	-3.6	09	3	-	-	2.76	-	-	-
	11-20	83.2	-	8	5	8.7	-	0.0	16	0	43	3	-4.5	16	4	-	-	1.86	-	-	-
	21-end	35.7	-	6	5	NA	-	NA	NA	NA	NA	NA	-6.5	26	5	-	-	3.22	-	-	-
	Month	194.7	129	24	17	-	-	-	-	-	-	-	-6.5	26	12	-	-	2.63	-	-	-

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

TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

OCTOBER, 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	31.3	-	10	6	11.3	-	5.1	05	0	70	15	-0.3	05	1	11.1	-	2.54	-	14	4
	11-20	73.8	-	10	8	9.7	-	4.5	14	0	53	4	1.1	14	0	9.4	-	1.70	-	15	6
	21-end	32.9	-	7	4	8.6	-	2.6	26	0	46	1	0.9	26	0	8.0	-	2.41	-	11	4
	Month	138.0	143	27	18	9.8	-0.7	2.6	26	0	169	20	-0.3	05	1	9.4	-	2.22	96	13	14
Dublin Airport Co. Dublin	1-10	25.5	-	8	6	12.1	-	5.5	09	0	77	21	0.2	09	0	12.3	-	4.16	-	9	2
	11-20	70.9	-	8	6	9.5	-	2.5	16	0	51	5	0.5	16	0	10.0	-	2.70	-	9	2
	21-end	59.9	-	11	7	8.5	-	2.1	26	0	45	0	-0.9	24	3	8.7	-	1.75	-	7	0
	Month	156.3	224	27	19	10.0	-0.3	2.1	26	0	173	26	-0.9	24	3	10.3	-0.2	2.84	87	8	4
Kinsealy Co. Dublin	1-10	36.7	-	7	6	12.1	-	4.2	09	0	77	22	-2.0	10	3	-	-	4.27	-	7	-
	11-20	60.4	-	7	7	9.3	-	3.1	16	0	49	3	-1.8	19	3	-	-	2.37	-	8	-
	21-end	58.7	-	9	7	8.3	-	2.1	26	0	43	0	-4.2	24	6	-	-	1.57	-	5	-
	Month	155.8	-	23	20	9.9	-	2.1	26	0	169	25	-4.2	24	12	-	-	2.70	-	7	-
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	20.8	-	8	7	11.4	-	2.9	09	0	70	17	0.0	04	0	-	-	3.95	-	5	-
	11-20	52.3	-	7	6	8.9	-	0.4	16	0	45	4	-1.9	16	3	-	-	2.79	-	5	-
	21-end	46.5	-	9	9	7.5	-	-0.4	24	1	35	0	-3.1	24	4	-	-	1.66	-	4	-
	Month	119.6	-	24	22	9.2	-	-0.4	24	1	150	21	-3.1	24	7	-	-	2.76	-	5	-
Galway (Univ. Coll.) Co. Galway	1-10	66.8	-	8	8	12.1	-	5.5	05	0	77	21	NA	NA	-	-	-	4.33	-	-	-
	11-20	55.1	-	7	6	9.8	-	4.0	16	0	54	4	-1.8	19	3	-	-	3.57	-	NA	-
	21-end	21.9	-	7	5	7.4	-	-0.5	26	1	34	1	-4.0	24	6	-	-	1.84	-	-	-
	Month	143.8	-	22	19	9.7	-	-0.5	26	1	165	26	-	-	-	-	-	3.20	-	-	-
Killarney (Muckross 'se) Co. Kerry	1-10	79.4	-	8	7	11.6	-	5.2	04	0	72	16	-0.6	09	1	-	-	3.46	-	-	-
	11-20	63.8	-	10	10	9.5	-	1.5	16	0	51	3	-3.5	16	5	-	-	2.23	-	-	-
	21-end	31.9	-	8	6	7.2	-	-1.0	28	3	31	1	-6.5	28	8	-	-	2.89	-	-	-
	Month	175.1	-	26	23	9.4	-	-1.0	28	3	154	20	-6.5	28	14	-	-	2.86	-	-	-
Cahiriveen (Valentia Quay.) Co. Kerry	1-10	79.4	-	8	8	12.1	-	5.6	09	0	77	21	2.6	09	0	12.7	-	3.62	-	12	4
	11-20	58.6	-	10	10	10.2	-	4.7	18	0	59	5	2.8	18	0	10.9	-	2.73	-	12	4
	21-end	49.7	-	7	6	8.3	-	0.1	28	0	43	1	-1.9	28	1	8.8	-	4.19	-	8	3
	Month	187.7	144	25	24	10.1	-1.5	0.1	28	0	179	27	-1.9	28	1	10.7	-1.0	3.54	125	11	11

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TABLE 1. (Continued)

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OCTOBER, 1976

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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					
Tralea (Caherweesheen) Co. Kerry	1-10	66.1	-	8	7	11.9	-	3.8	05	0	76	20	2.0	09	0	-	-	4.27	-	-	-
	11-20	63.6	-	10	9	9.6	-	1.4	18	0	52	6	-3.4	18	3	-	-	2.82	-	-	-
	21-end	27.4	-	6	4	7.1	-	-2.2	28	3	31	0	-10.0	25	7	-	-	2.89	-	-	-
	Month	157.1	-	24	20	9.5	-	-2.2	28	3	159	26	-10.0	25	10	-	-	3.31	-	-	-
Lullymore Co. Wick	1-10	NA	-	NA	NA	11.1	-	3.4	09	0	67	13	-1.4	04	2	-	-	3.42	-	9	-
	11-20	56.1	-	8	7	NA	-	NA	NA	NA	NA	NA	-5.4	16	NA	-	-	3.21	-	9	-
	21-end	36.5	-	10	6	NA	-	-0.7	24	2	NA	NA	-5.9	24	6	-	-	2.68	-	6	-
	Month	-	-	-	-	-	-	-	-	-	-	-	-5.9	24	-	-	-	3.09	-	8	-
Kilkenny Co. Kilkenny	1-10	41.3	-	6	4	10.9	-	2.1	10	0	65	14	-0.9	04	3	11.9	-	3.68	-	6	2
	11-20	49.8	-	8	7	8.7	-	-1.8	16	2	43	5	-4.7	16	4	9.4	-	3.18	-	6	1
	21-end	46.7	-	7	6	7.2	-	-1.9	28	3	32	0	-4.9	28	5	7.8	-	2.66	-	4	0
	Month	137.8	172	21	17	8.9	-1.0	-1.9	28	5	140	19	-4.9	28	12	9.6	-0.9	3.16	107	5	3
Mooncoin (Silverspring) Co. Kilkenny	1-10	67.1	-	9	7	11.8	-	3.2	05	0	74	21	-1.8	05	3	-	-	4.19	-	-	-
	11-20	83.4	-	8	7	9.0	-	-1.0	16	1	46	5	-5.4	16	4	-	-	3.39	-	-	-
	21-end	55.2	-	8	5	7.3	-	-0.7	26	2	32	0	-4.4	28	7	-	-	2.77	-	-	-
	Month	205.7	-	25	19	9.3	-	-1.0	16	3	152	26	-5.4	16	14	-	-	3.43	-	-	-
Ballinamore Co. Leitrim	1-10	53.8	-	8	6	10.9	-	1.0	04	0	65	13	-1.0	04	2	-	-	3.74	-	6	-
	11-20	66.7	-	7	5	8.2	-	-0.6	20	1	38	1	-3.1	13	2	-	-	2.43	-	5	-
	21-end	31.4	-	5	4	7.0	-	-1.4	25	2	28	0	-4.0	25	4	-	-	2.02	-	4	-
	Month	151.9	-	20	15	8.6	-	-1.4	25	3	131	14	-4.0	25	8	-	-	2.71	-	5	-
Ardee (Boharnamoe) Co. Louth	1-10	50.7	-	7	6	11.4	-	2.4	09	0	70	17	-	-	-	-	-	-	-	-	-
	11-20	67.9	-	9	6	8.4	-	0.6	16	0	41	3	-	-	NA	-	-	-	-	-	-
	21-end	33.2	-	7	4	7.7	-	-0.6	24	1	36	0	-	-	NA	-	-	-	-	-	-
	Month	151.8	-	23	16	9.1	-	-0.6	24	1	147	20	-	-	NA	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	67.4	-	8	8	11.3	-	2.8	09	0	69	16	-	-	-	-	-	4.09	-	7	-
	11-20	49.2	-	7	6	NA	-	NA	NA	NA	NA	NA	-	-	NA	-	-	3.48	-	5	-
	21-end	36.3	-	8	6	NA	-	NA	NA	NA	NA	NA	-	-	NA	-	-	1.37	-	4	-
	Month	152.9	-	23	20	-	-	-	-	-	-	-	-	-	NA	-	-	2.93	-	5	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

OCTOBER, 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	44.4	-	9	9	11.7	-	5.8	09	0	72	16	1.5	09	0	12.1	-	2.56	-	15	4
	11-20	37.3	-	9	8	9.5	-	3.5	14	0	51	1	0.0	16	0	9.8	-	3.91	-	11	2
	21-end	20.9	-	5	5	8.0	-	0.6	23	0	40	0	-3.3	26	3	8.4	-	3.71	-	10	3
	Month	102.6	85	23	22	9.7	-1.1	0.6	23	0	163	17	-3.3	26	3	10.0	-1.1	3.40	119	12	9
Claremorris Co. Mayo	1-10	51.6	-	8	8	11.0	-	2.9	04	0	67	14	-1.5	04	1	12.0	-	3.87	-	9	2
	11-20	61.5	-	9	6	8.4	-	0.9	16	0	40	2	-2.6	16	4	9.4	-	3.52	-	7	1
	21-end	20.4	-	5	4	6.7	-	-1.6	26	2	28	0	-4.0	24	3	7.8	-	1.69	-	5	0
	Month	133.5	120	22	18	8.6	-1.1	-1.6	26	2	135	16	-4.0	24	8	9.7	-0.5	2.98	116	7	3
Glenties Co. Mayo	1-10	61.0	-	9	9	11.1	-	3.4	04	0	67	13	2.3	04	0	-	-	2.59	-	-	-
	11-20	51.9	-	10	9	8.7	-	1.4	16	0	43	2	-1.5	16	1	-	-	3.69	-	NA	-
	21-end	24.5	-	6	4	6.4	-	-1.4	26	2	23	0	-4.5	26	5	-	-	3.05	-	-	-
	Month	137.4	-	25	22	8.6	-	-1.4	26	2	133	15	-4.5	26	6	-	-	3.11	-	-	-
Dunseany (Grange) Co. Meath	1-10	30.5	-	8	7	11.1	-	3.4	09	0	67	14	-2.1	09	3	-	-	3.73	-	-	-
	11-20	61.2	-	8	5	7.8	-	0.0	19	0	37	3	-4.5	16	5	-	-	2.60	-	NA	-
	21-end	45.1	-	10	5	7.0	-	0.5	26	0	29	0	-3.5	24	7	-	-	2.25	-	-	-
	Month	136.8	165	26	17	8.6	-	0.0	19	0	133	17	-4.5	16	15	-	-	2.84	-	-	-
Clones Co. Monaghan	1-10	46.6	-	8	7	10.9	-	1.5	04	0	65	12	-1.0	05	2	11.4	-	2.95	-	8	2
	11-20	58.1	-	9	6	8.2	-	1.2	20	0	38	3	-2.0	13	4	9.7	-	1.51	-	8	2
	21-end	23.7	-	7	3	7.5	-	0.3	25	0	48	1	-4.8	24	4	8.3	-	1.65	-	6	0
	Month	128.4	145	24	16	8.8	-0.6	0.3	25	0	151	16	-4.8	24	10	9.7	-0.4	2.03	83	7	4
Birr Co. Offaly	1-10	34.1	-	8	7	11.6	-	4.6	04	0	72	17	1.0	09	0	12.0	-	3.86	-	9	2
	11-20	56.5	-	7	6	9.1	-	1.6	16	0	47	4	-1.6	16	2	9.7	-	3.08	-	8	0
	21-end	39.1	-	6	6	6.9	-	-1.6	26	3	29	0	-4.1	28	6	8.0	-	2.58	-	5	0
	Month	129.7	155	21	19	9.1	-0.8	-1.6	26	3	148	21	-4.1	28	8	9.8	-0.7	3.15	106	7	2
Thurles Co. Tipperary	1-10	29.2	-	6	5		-									-	-	NA	-	-	-
	11-20	60.9	-	8	7		-									-	-	NA	-	-	-
	21-end	44.5	-	6	5		-									-	-	3.19	-	-	-
	Month	134.6	152	20	17		-									-	-	-	-	-	-

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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 (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	Hr	%	Kt							
Bundoran (Ballygadle) Co. Waterford	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21-end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ballyvaughan Co. Wexford	1-10	50.9	-	7	6	10.7	-	1.7	09	0	63	11	0.1	04	0	11.4	-	3.43	-	3	2
	11-20	57.6	-	7	7	8.1	-	-0.7	20	2	37	4	-2.9	16	3	9.1	-	3.29	-	3	2
	21-end	29.4	-	7	6	7.0	-	-0.8	25	1	29	0	-3.7	24	4	7.7	-	2.66	-	6	0
	Month	137.9	150	21	19	8.5	-1.1	-0.8	25	3	129	15	-3.7	24	7	9.4	-0.8	3.11	111	8	4
Lampole (Ballysop) Co. Wexford	1-10	66.2	-	7	7	12.2	-	4.6	04	0	78	23	-0.2	04	1	-	-	3.97	-	-	-
	11-20	91.4	-	8	8	9.2	-	2.1	16	0	48	5	-4.1	16	4	-	-	2.18	-	NA	-
	21-end	71.0	-	8	6	8.2	-	-0.1	26	1	43	0	-4.0	26	4	-	-	3.33	-	-	-
	Month	228.6	-	23	21	9.8	-	-0.1	26	1	169	28	-4.1	16	9	-	-	3.16	-	-	-
Clonroche Co. Wexford	1-10	65.7	-	7	7	11.4	-	2.3	05	0	70	17	-1.7	05	2	-	-	4.02	-	5	-
	11-20	89.9	-	8	8	8.3	-	0.6	16	0	40	2	-2.7	16	4	-	-	2.91	-	5	-
	21-end	58.8	-	10	6	7.9	-	0.3	24	0	39	0	-2.8	24	5	-	-	3.16	-	3	-
	Month	214.4	-	25	21	9.1	-	0.3	24	0	149	19	-2.8	24	11	-	-	3.36	-	4	-
Johnstown Little Co. Wexford	1-10	48.4	-	7	7	12.1	-	5.0	05	0	77	22	-2.2	05	1	-	-	3.62	-	7	-
	11-20	92.2	-	8	8	9.3	-	3.1	15	0	49	4	-2.2	13	4	-	-	2.94	-	7	-
	21-end	65.5	-	8	7	8.5	-	3.0	24	0	46	0	-2.6	24	4	-	-	2.51	-	5	-
	Month	206.1	204	23	22	9.9	-	3.0	24	0	172	26	-2.6	24	9	-	-	3.01	-	6	-
Rosslare Co. Wexford	1-10	40.8	-	7	6	12.8	-	8.0	04	0	86	30	2.6	05	0	12.7	-	4.02	-	11	4
	11-20	89.8	-	8	8	10.3	-	4.4	16	0	61	8	1.2	16	0	10.3	-	3.09	-	11	5
	21-end	67.4	-	9	8	10.0	-	6.0	26	0	62	3	-0.4	22	1	9.6	-	2.55	-	10	2
	Month	198.0	230	24	22	11.0	-0.3	4.4	16	0	209	41	-0.4	22	1	10.8	-0.8	3.20	84	11	11

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

TABLE 2.

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

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	-	10	-	0	21
	11-20	-	8	-	0	49
	21-end	-	15	-	0	47
	Month	-	33	-	-	-
Kinsealy * Co. Dublin	1-10	7165	17	-	0	20
	11-20	5019	4	-	0	57
	21-end	3668	3	-	0	56
	Month	15852	24	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	8237	0	-	0	62
	11-20	6218	5	-	0	54
	21-end	6660	11	-	0	11
	Month	21115	16	-	-	-
Kilkenny e Co. Kilkenny	1-10	7952	-	-	-	-
	11-20	6172	-	-	-	-
	21-end	5771	-	-	-	-
	Month	19895	-	-	-	-
Ballinamore Co. Leitrim	1-10		14	-	0	40
	11-20	NA	NA	-	NA	NA
	21-end		2	-	0	29
	Month		-	-	-	-
Glenamoy Co. Mayo	1-10	-	11	-	0	50
	11-20	-	2	-	0	50
	21-end	-	3	-	0	22
	Month	-	16	-	-	-
Birr e Co. Offaly	1-10	7945	-	-	-	-
	11-20	6315	-	-	-	-
	21-end	5716	-	-	-	-
	Month	19976	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	18	-	0	31
	11-20	-	3	-	0	89
	21-end	-	3	-	0	63
	Month	-	24	-	-	-

See January issue of Bulletin for explanatory notes on the tables. \*Solar Radiation Values for Dublin Airport