



## AGROMETEOROLOGICAL BULLETIN

AUGUST 1976

### The Weather during August

High pressure dominated the weather charts in the vicinity of Ireland and gave a very dry month. During the first week the centre of the anticyclone was west of the country and winds were from the west or northwest. The month started cloudy with temperatures about normal. From 7th to 9th it was warm and fine as the high pressure centre shifted to the east of Ireland. Between 10th and 12th the Atlantic rainbelts tried to push eastwards across the country and triggered occasional outbreaks of thundery rain. From 13th to 22nd we were in a ridge of high pressure which stretched from Scandinavia to the Azores. Winds were mainly easterly and the weather was fine and warm. On 23rd and 24th the ridge of high pressure over us came under attack by a rainbelt approaching from the south. This caused some showers in parts of the south and west. However the anticyclone centre to the north-east of Ireland intensified. This pushed the front back southwards and from 25th to 28th the weather was dry with northeast winds. On 29th a trough developed in the northeasterly, giving rain in all but some western areas. At the end of the month a high pressure area in mid Atlantic became the dominant feature in determining our weather. We ended the month, as we began it, in a cool westerly windflow with just a little rain at times.

Rainfall for the month was very low. Amounts were generally between 8% and 18% of normal but the northwest had about 25% of normal. Parts of the southeast had only 4% of normal rainfall. Roche's Point had 37% of normal but over half the monthly total fell in one hour, during a thunderstorm, on 29th. At Birr it was the driest August for over a century. Soil moisture deficits rose from three to four inches in the midlands and east. Conditions were ideal for harvesting but very poor for growth. In western areas soil moisture deficits rose from one to three inches during the course of the month and grass growth became progressively poorer as the month wore on.

Mean air temperatures were  $1^{\circ}\text{C}$  to  $1.5^{\circ}\text{C}$  above normal in most areas and were over  $2^{\circ}\text{C}$  above normal at Shannon Airport. The hottest spell was from 14th to 27th when maximum air temperatures ranged  $20^{\circ}\text{C}$  to  $28^{\circ}\text{C}$  inland. Air temperatures of over  $29^{\circ}\text{C}$  were recorded on 26th. No widespread ground frost occurred but a few places had ground frost on 1st, 4th, 13th, 21st and 31st.

Sunshine amounts ranged from 120% to 170% of normal. It was the sunniest August since 1947. Consequently mean four inch soil temperatures were  $2^{\circ}\text{C}$  to  $3^{\circ}\text{C}$  above normal.

Summary. August was warm, sunny and very dry.

TABLE 1.

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

AUGUST, 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	Day	No. of Days with Atr 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
Carlow (Oak Park) Co. Carlow	1-10	4.6	-	3	1	15.4	-	5.2	01	0	111	55	0.2	02	0	-	-	3.25	-	4	-
	11-20	1.3	-	2	1	16.7	-	6.2	15	0	123	67	1.5	15	0	-	-	9.38	-	3	-
	21-end	0.5	-	2	0	17.2	-	6.3	21	0	141	80	1.8	21	0	-	-	8.00	-	5	-
	Month	6.4	-	7	2	16.5	-	5.2	01	0	375	202	0.2	02	0	-	-	6.91	-	4	-
Shannon Airport e Co. Clare	1-10	3.0	-	2	1	16.6	-	11.1	04	0	122	66	6.5	04	0	18.6	-	4.60	-	6	0
	11-20	7.9	-	1	1	18.3	-	10.1	13	0	140	84	6.0	20	0	19.7	-	7.71	-	4	0
	21-end	2.5	-	3	1	18.4	-	9.8	29	0	159	97	5.8	21	0	19.4	-	5.91	-	6	0
	Month	13.4	17	6	3	17.8	+2.2	9.8	29	0	421	247	5.8	21	0	19.2	+2.5	6.07	122	5	0
Fermoy (Moore Park) Co. Cork	1-10	0.4	-	1	0	15.4	-	7.0	09	0	111	55	4.1	01	0	-	-	2.81	-	4	-
	11-20	5.3	-	1	1	16.1	-	5.6	15	0	117	61	2.5	20	0	-	-	8.97	-	3	-
	21-end	4.1	-	4	2	17.0	-	4.9	21	0	139	77	1.8	21	0	-	-	6.40	-	5	-
	Month	9.8	-	6	3	16.2	-	4.9	21	0	367	193	1.8	21	0	-	-	6.07	-	4	-
Mallow Co. Cork	1-10	0.1	-	0	0	15.7	-	7.8	01	0	113	57	4.0	01	0	-	-	3.41	-	-	-
	11-20	6.7	-	1	1	16.9	-	6.0	20	0	126	70	3.4	20	0	-	-	8.61	-	-	-
	21-end	3.8	-	3	2	17.1	-	5.7	21	0	140	78	2.2	21	0	-	-	5.53	-	-	-
	Month	10.6	14	4	3	16.6	-	5.7	21	0	379	205	2.2	21	0	-	-	5.94	-	-	-
Roche's Point e Co. Cork	1-10	0.0	-	0	0	15.7	-	10.5	01	0	114	58	8.1	01	0	17.8	-	4.04	-	7	0
	11-20	2.1	-	3	1	16.7	-	11.1	14	0	124	68	6.9	15	0	19.0	-	9.36	-	7	0
	21-end	21.6	-	2	1	18.1	-	12.0	28	0	150	89	7.2	21	0	18.8	-	7.35	-	9	0
	Month	23.7	37	5	2	16.9	+1.4	10.5	01	0	388	215	6.9	15	0	18.5	+2.0	6.93	122	8	0
Glencolumbkille Co. Donegal	1-10	9.6	-	6	4	14.8	-	10.2	10	0	104	48				-	-	4.84	-		
	11-20	4.7	-	1	1	17.3	-	7.0	13	0	130	74	NA	NA		-	-	10.46	-	NA	
	21-end	5.1	-	2	1	17.4	-	8.5	29	0	143	82				-	-	8.85	-		
	Month	19.4	-	9	6	16.5	-	7.0	13	0	377	204				-	-	8.07	-		
Glenties Co. Donegal	1-10	13.0	-	6	4	14.4	-	7.5	09	0	101	45	2.0	09	0	-	-	4.66	-	-	-
	11-20	3.2	-	1	1	16.6	-	3.5	13	0	122	66	-1.8	13	1	-	-	10.33	-	-	-
	21-end	2.2	-	2	1	16.5	-	6.8	29	0	133	71	1.5	29	0	-	-	7.83	-	-	-
	Month	18.4	16	9	6	15.8	-	3.5	13	0	356	182	-1.8	13	1	-	-	7.61	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

AUGUST, 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	Hr	%	Kt					
Malin Head Co. Donegal	1-10	8.0	-	4	3	14.2	-	9.5	08	0	98	42	7.5	09	0	17.1	-	5.59	-	10	2
	11-20	9.8	-	2	2	15.3	-	8.0	13	0	109	53	5.6	19	0	19.1	-	11.16	-	7	0
	21-end	1.3	-	2	1	16.6	-	12.0	28	0	134	72	6.4	28	0	18.9	-	7.38	-	8	0
	Month	19.1	23	8	6	15.4	+1.2	8.0	13	0	341	167	5.6	19	0	18.4	-	8.02	170	8	2
Dublin Airport Co. Dublin	1-10	0.1	-	0	0	15.4	-	8.1	04	0	110	54	3.9	04	0	18.5	-	4.50	-	6	0
	11-20	2.2	-	2	1	16.7	-	11.1	14	0	123	67	5.2	14	0	20.3	-	10.96	-	4	0
	21-end	4.4	-	1	1	16.8	-	8.9	31	0	137	75	6.6	30	0	20.1	-	9.57	-	7	0
	Month	6.7	09	3	2	16.3	+1.3	8.1	04	0	370	196	3.9	04	0	19.6	+3.2	8.38	161	6	0
Kinsealy Co. Dublin	1-10	0.0	-	0	0	15.0	-	6.7	04	0	106	50	3.7	10	0	-	-	4.88	-	5	-
	11-20	0.9	-	2	0	15.0	-	7.2	14	0	106	50	1.4	14	0	-	-	10.84	-	4	-
	21-end	2.9	-	2	1	16.2	-	9.3	31	0	131	69	3.6	21	0	-	-	9.75	-	5	-
	Month	3.8	-	4	1	15.4	-	6.7	04	0	343	169	1.4	14	0	-	-	8.53	-	5	-
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	1.8	-	1	1	15.0	-	5.3	04	0	106	50	0.9	04	0	-	-	3.64	-	3	-
	11-20	3.6	-	2	2	15.6	-	4.8	15	0	112	56	3.0	15	0	-	-	10.28	-	3	-
	21-end	1.7	-	1	1	16.5	-	7.7	21	0	133	71	4.1	31	0	-	-	8.71	-	4	-
	Month	7.1	-	4	4	15.7	-	4.8	15	0	351	177	0.9	04	0	-	-	7.58	-	3	-
Galway (Univ. Coll.) Co. Galway	1-10	1.5	-	1	1	15.8	-	10.7	04	0	114	58				-	-	5.50	-		
	11-20	1.0	-	1	1	18.0	-	10.0	13	0	136	80				-	-	8.49	-		
	21-end	0.9	-	3	0	18.0	-	9.9	21	0	150	89				-	-	6.36	-	NA	-
	Month	3.4	-	5	2	17.3	-	9.9	21	0	400	227				-	-	6.77	-		
Killarney (Muckross Hse) Co. Kerry	1-10	4.1	-	3	1	15.1	-	8.2	06	0	108	52	4.0	01	0	-	-	2.22	-		
	11-20	4.5	-	1	1	17.0	-	8.8	13	0	127	71	3.3	20	0	-	-	8.80	-		
	21-end	6.9	-	3	1	17.1	-	8.0	29	0	140	78	3.5	21	0	-	-	6.57	-		
	Month	15.5	-	7	3	16.4	-	8.0	29	0	375	201	3.3	20	0	-	-	5.89	-		
Cahirciveen (Valentia Obsy.) Co. Kerry	1-10	0.0	-	0	0	14.9	-	9.8	10	0	105	49	7.6	10	0	18.8	-	3.38	-	4	0
	11-20	9.9	-	1	1	17.1	-	8.2	13	0	129	73	5.9	13	0	19.0	-	8.51	-	5	0
	21-end	7.0	-	3	2	18.5	-	11.1	29	0	153	92	7.4	28	0	19.6	-	7.55	-	8	0
	Month	16.9	18	4	3	16.9	+1.5	8.2	13	0	387	214	5.9	13	0	19.1	+2.5	6.52	134	6	0

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TABLE 1. (Continued)

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						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	4.5	-	4	3	15.8	-	8.1	04	0	115	59	6.3	04	0	-	-	3.44	-	-	-
	11-20	15.0	-	1	1	17.3	-	7.6	15	0	129	73	4.8	15	0	-	-	8.49	-	-	-
	21-end	4.2	-	2	2	17.6	-	8.2	29	0	145	83	5.3	29	0	-	-	5.96	-	-	-
	Month	23.7	-	7	6	16.9	-	7.6	15	0	389	215	4.8	15	0	-	-	5.96	-	-	-
Lullymore Co. Kildare	1-10	0.3	-	1	0	14.6	-	5.2	04	0	102	46	-3.3	01	2	-	-	3.19	-	6	-
	11-20	2.0	-	2	1	15.4	-	4.5	13	0	110	54	-1.0	13	2	-	-	9.95	-	5	-
	21-end	0.7	-	2	0	16.0	-	4.2	31	0	133	72	-0.2	21	2	-	-	8.22	-	6	-
	Month	3.0	-	5	1	15.4	-	4.2	31	0	345	172	-3.3	01	6	-	-	7.15	-	6	-
Kilkenny Co. Kilkenny	1-10	0.4	-	1	0	15.7	-	5.1	01	0	113	57	1.7	01	0	19.0	-	2.99	-	3	0
	11-20	2.0	-	2	1	16.4	-	6.0	15	0	121	65	3.4	15	0	20.9	-	9.88	-	2	0
	21-end	0.0	-	0	0	17.4	-	6.0	21	0	143	81	3.6	21	0	20.4	-	7.68	-	4	0
	Month	2.4	04	3	1	16.5	+1.3	5.1	01	0	377	203	1.7	01	0	20.1	+3.3	6.88	129	3	0
Mooncoin (Silver Spring) Co. Kilkenny	1-10	0.0	-	0	0	15.6	-	6.2	01	0	113	57	1.0	01	0	-	-	3.53	-	-	-
	11-20	5.9	-	2	2	15.8	-	5.1	18	0	114	58	2.1	18	0	-	-	9.31	-	-	-
	21-end	0.0	-	0	0	17.0	-	5.9	21	0	138	77	2.2	21	0	-	-	7.86	-	-	-
	Month	5.9	-	2	2	16.2	-	5.1	18	0	365	192	1.0	01	0	-	-	6.93	-	-	-
Ballinamore Co. Leitrim	1-10	3.0	-	2	1	14.6	-	5.8	04	0	102	46	0.2	04	0	-	-	5.12	-	4	-
	11-20	8.0	-	1	1	16.2	-	6.5	15	0	118	62	1.7	13	0	-	-	10.48	-	3	-
	21-end	1.0	-	1	1	16.5	-	5.0	21	0	129	67	1.0	21	0	-	-	7.57	-	4	-
	Month	12.0	-	4	3	15.8	-	5.0	21	0	349	175	0.2	04	0	-	-	7.72	-	4	-
Ardee (Boharnamoe) Co. Louth	1-10	2.1	-	2	1	14.7	-	4.6	04	0	104	48	0.9	04	0	-	-	-	-	-	-
	11-20	2.2	-	1	1	15.2	-	4.7	14	0	108	52	1.3	18	0	-	-	-	-	-	-
	21-end	NA	-	NA	NA	NA	-	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	2.5	-	2	1	14.2	-	6.2	08	0	98	42	2.3	03	0	-	-	4.54	-	3	-
	11-20	0.3	-	1	0	15.5	-	5.2	20	0	111	55	1.3	13	0	-	-	NA	-	3	-
	21-end	0.0	-	0	0	16.7	-	4.6	29	0	141	79	2.0	21	0	-	-	NA	-	5	-
	Month	2.8	-	3	1	15.5	-	4.6	29	0	350	176	1.5	13	0	-	-	-	-	4	-

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TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

AUGUST, 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				
Belmullet Co. Mayo	1-10	3.1	-	5	0	14.7	-	7.8	09	0	103	47	4.6	04	0	18.1	-	5.94	-	8	0
	11-20	5.0	-	1	1	16.5	-	6.1	13	0	121	65	3.2	13	0	19.5	-	9.94	-	6	0
	21-end	3.4	-	4	3	17.0	-	9.2	29	0	139	77	6.4	29	0	19.8	-	7.96	-	7	0
	Month	11.5	13	10	4	16.1	+1.4	6.1	13	0	363	189	3.2	13	0	19.1	+3.2	7.95	154	7	0
Clarenorris Co. Mayo	1-10	5.6	-	5	2	14.6	-	6.9	09	0	102	46	3.1	09	0	17.3	-	4.23	-	4	0
	11-20	0.5	-	1	0	15.9	-	5.7	13	0	115	59	1.7	13	0	18.7	-	8.84	-	3	0
	21-end	0.5	-	2	0	16.9	-	7.9	21	0	137	76	3.4	21	0	16.9	-	6.63	-	4	0
	Month	6.6	07	8	2	15.8	+1.4	5.7	13	0	354	181	1.7	13	0	18.2	+2.8	6.57	152	4	0
Glenamoy Co. Mayo	1-10	5.2	-	6	1	14.6	-	5.6	08	0	103	47	4.4	09	0	-	-	5.00	-	-	-
	11-20	4.1	-	1	1	16.1	-	2.8	13	0	122	66	1.4	13	0	-	-	9.48	-	-	-
	21-end	2.3	-	1	1	16.2	-	8.0	28	0	130	68	5.9	21	0	-	-	6.40	-	NA	-
	Month	11.6	-	8	3	15.6	-	2.8	13	0	355	181	1.4	13	0	-	-	6.94	-	-	-
Dunsany (Grange) Co. Meath	1-10	4.0	-	3	1	14.1	-	2.6	04	0	97	41	-2.0	04	1	-	-	3.52	-	-	-
	11-20	1.9	-	2	1	15.5	-	5.8	18	0	111	55	1.1	15	0	-	-	10.60	-	-	-
	21-end	3.3	-	2	1	15.6	-	6.0	31	0	123	61	0.5	31	0	-	-	8.59	-	NA	-
	Month	9.2	-	7	3	15.1	-	2.6	04	0	331	157	-2.0	04	1	-	-	7.60	-	-	-
Clones Co. Monaghan	1-10	2.8	-	5	1	14.7	-	6.2	04	0	103	47	1.6	04	0	16.3	-	5.57	-	5	0
	11-20	5.7	-	2	2	16.3	-	4.7	13	0	119	63	0.1	13	0	17.9	-	10.88	-	4	0
	21-end	1.5	-	2	0	16.0	-	8.2	27	0	128	66	2.5	21	0	17.1	-	8.32	-	5	0
	Month	10.0	12	9	3	15.7	+1.4	4.7	13	0	350	176	0.1	13	0	17.1	+1.4	8.26	212	5	0
Birr Co. Offaly	1-10	2.1	-	2	1	15.7	-	8.3	09	0	113	57	5.2	01	0	18.8	-	2.77	-	4	0
	11-20	2.3	-	2	1	16.6	-	4.2	19	0	122	66	1.6	19	0	20.7	-	8.91	-	3	0
	21-end	1.8	-	1	1	17.0	-	6.6	21	0	139	77	2.6	21	0	20.3	-	6.71	-	5	0
	Month	6.2	08	5	3	16.4	+1.3	4.2	19	0	374	200	1.6	19	0	20.0	+3.6	6.15	124	4	0
Thurles Co. Tipperary	1-10	0.6	-	1	0		-									-	-	3.08	-	-	-
	11-20	7.5	-	1	1		-									-	-	7.92	-	-	-
	21-end	0.1	-	0	0		-									-	-	6.21	-	-	-
	Month	8.2	10	2	1		-									-	-	5.75	-	-	-

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TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE and WIND

AUGUST, 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	Hr	%	Kt						
Dungarvan (Ballygagin) Co. Waterford	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21-end	-	-	-	-	-	-	NOT	AVAILABLE	-	-	-	-	-	-	-	-	-	-		
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mullingar e Co. Westmeath	1-10	5.2	-	2	1	15.0	-	4.3	04	0	106	50	1.5	04	0	17.0	-	4.04	-	5	0
	11-20	2.2	-	2	1	16.5	-	7.3	15	0	121	65	3.4	15	0	18.6	-	10.65	-	6	0
	21-end	0.3	-	1	0	16.8	-	8.7	31	0	135	75	4.1	21	0	18.2	-	8.54	-	7	0
	Month	7.7	10	5	2	16.1	+1.3	4.3	04	0	362	190	1.5	04	0	17.9	+1.9	7.77	166	6	0
Campile (Ballysop) Co. Wexford	1-10	0.0	-	0	0	15.5	-	5.6	01	0	112	56	-0.1	01	1	-	-	3.62	-	-	-
	11-20	5.0	-	2	1	17.2	-	7.9	13	0	128	72	2.5	13	0	-	-	9.86	-	NA	-
	21-end	5.5	-	1	1	18.1	-	10.2	31	0	146	85	5.3	31	0	-	-	8.45	-	-	-
	Month	10.5	-	3	2	17.0	-	5.6	01	0	386	213	-0.1	01	1	-	-	7.35	-	-	-
Clonroche Co. Wexford	1-10	1.3	-	2	0	15.5	-	5.3	01	0	111	55	-1.7	01	1	-	-	2.93	-	3	-
	11-20	6.9	-	2	2	17.3	-	7.7	13	0	130	74	1.7	11	0	-	-	10.45	-	4	-
	21-end	2.4	-	1	0	17.5	-	8.6	31	0	145	83	3.6	31	0	-	-	8.80	-	5	-
	Month	10.6	-	5	2	16.8	-	5.3	01	0	386	212	-1.7	01	1	-	-	7.44	-	4	-
Johnstown Castle Co. Wexford	1-10	0.4	-	1	0	15.4	-	7.0	01	0	110	54	0.5	01	0	-	-	4.14	-	4	-
	11-20	6.6	-	2	2	16.2	-	9.6	13	0	119	63	5.2	12	0	-	-	10.61	-	5	-
	21-end	4.7	-	1	1	17.4	-	10.4	31	0	144	82	7.4	31	0	-	-	8.69	-	5	-
	Month	11.7	14	4	3	16.4	-	7.0	01	0	373	199	0.5	01	0	-	-	7.84	-	5	-
Rosslare e Co. Wexford	1-10	0.0	-	0	0	15.6	-	7.9	01	0	112	56	2.3	05	0	19.1	-	4.78	-	7	0
	11-20	1.7	-	1	1	16.7	-	12.4	13	0	123	67	7.1	13	0	20.3	-	10.73	-	9	0
	21-end	1.4	-	1	1	17.0	-	12.3	31	0	139	78	7.6	23	0	17.0	-	9.64	-	12	2
	Month	3.1	04	2	2	16.4	+1.0	7.9	01	0	374	201	2.3	05	0	19.8	+2.5	8.42	132	9	2

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

TABLE 2.

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE AUGUST, 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	-	29	10	85	-
	11-20	-	38	14	99	-
	21-end	-	43	10	109	-
	Month	-	110	-	-	-
Kinsealy * Co. Dublin	1-10	14742	24	14	80	-
	11-20	19473	29	12	92	-
	21-end	18044	32	7	99	-
	Month	52259	85	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	16038	23	23	44	-
	11-20	18505	24	10	54	-
	21-end	17233	34	19	73	-
	Month	51776	81	-	-	-
Kilkenny e Co. Kilkenny	1-10	15660	-	-	-	-
	11-20	20130	-	-	-	-
	21-end	17892	-	-	-	-
	Month	53682	-	-	-	-
Ballinamore Co. Leitrim	1-10		22	19	47	-
	11-20		35	20	67	-
	21-end	NA	34	19	86	-
	Month		91	-	-	-
Glenamoy Co. Mayo	1-10	-	20	15	33	-
	11-20	-	41	36	69	-
	21-end	-	32	16	85	-
	Month	-	93	-	-	-
Birr e Co. Offaly	1-10	14365	-	-	-	-
	11-20	19239	-	-	-	-
	21-end	16461	-	-	-	-
	Month	50065	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	30	18	86	-
	11-20	-	30	5	91	-
	21-end	-	45	10	101	-
	Month	-	105	-	-	-

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