

GENERAL REMARKS

Kindly insert here notes on conditions of stock, crops, insect or bird life, growth and flowering of plants and general characteristics of season

Weather, February 1965.

Dull weather, sometimes with cool winds, was experienced for much of the month. Rainfall was once again below the station mean, as was sunshine.

General

Rain during the first two weeks held up harvesting of wheat in particular, and to a lesser extent, peas on the heavy land. Lucerne and pastures showed some response to the early rain, but made little growth, as high evaporation rates followed. Good feed for flushing ewes prior to mating was scarce, and in many cases flushing has not been possible. Considering the feed supply stock thrift has been good, as has health, apart from some flystrike on sheep during the damp dull weather.

Most cultivation programmes are up to schedule, with larger areas than usual being prepared for greenfeed to offset low hay reserves.

BEAUFORT LETTERS AND SYMBOLS FOR RECORDING WEATHER PHENOMENA

1. APPEARANCE OF SKY—

- b Blue sky (cloud amount 0, 1 eighths).
- bc Partly cloudy (" " 2, 3, 4 ").
- c Cloudy (" " 5, 6, 7 ").
- o Overcast (" " 8 ").
- g Dull, gloomy.
- u Ugly, threatening sky.

3 WIND—

- ☙ Gale (Force 8 or above).
- q Squalls.

4 ELECTRICAL PHENOMENA—

- t Thunder
- l Lightning.
- tl Thunderstorm.

2. PRECIPITATION—

- p Showers of rain.
- r_o Light rain.
- r Moderate rain.
- r₂ Heavy rain.
- d Drizzle.
- h Hail.
- s Snow.
- rs Sleet (rain and snow together or partly melted snow)
- ps Showers of snow.

5. ATMOSPHERIC OBSCURITY—

- f Fog.
- m Mist.
- z Haze or smoke haze.
- v Abnormal visibility.
- y Dry air (relative humidity less than 60 per cent.).

6. GROUND PHENOMENA—

- w Dew.
- x Hoar frost.

Other less common phenomena should be reported in full, for example:—

- Shallow (or ground) fog. Solar corona.
- Frost fog. Solar halo.
- Dust devil. Lunar corona.
- Glazed frost. Lunar halo.
- Rime. Rainbow.
- Snowdrift. Aurora.
- Snow lying (more than half the country in sight covered with snow). Mirage.
- Zodiacal light.

The exponents 0 or 2 applied to symbols indicate respectively light and heavy. Thus r₂ indicates heavy rain and r_o light rain. The letter i is used to denote occasional or intermittent phenomena. Thus ir indicates intermittent rain. Similarly j is used for phenomena not occurring at the observer's station but visible from it; jp, for example, denotes showers visible in the distance.

BEAUFORT WIND SCALE

Beaufort No.	Explanatory Titles	Specification of Beaufort Scale for Use on Land	LIMITS OF VELOCITY	
			Miles per Hour	Knots
0	Calm	Calm; smoke rises vertically	Less than 1	Less than 1
1	Light air	Direction of wind indicated by smoke drift, but not by wind vanes	1-3	1-3
2	Slight breeze	Wind felt on face; leaves rustle; ordinary vane moved by wind	4-7	4-6
3	Gentle breeze	Leaves and small twigs in constant motion; wind extends light flag	8-12	7-10
4	Moderate breeze	Raises dust and loose paper; small branches moved	13-18	11-16
5	Fresh breeze	Small trees in leaf begin to sway, wavelets form on inland waters	19-24	17-21
6	Strong breeze	Large branches in motion; whistling heard in telegraph wires; umbrellas used with difficulty	25-31	22-27
7*	Near gale	Whole trees in motion; inconvenience felt when walking against wind	32-38	28-33
8	Fresh gale	Breaks twigs off trees; generally impedes progress	39-46	34-40
9	Strong gale	Slight structural damage (chimney-pots and slates removed)	47-54	41-47
10	Storm	Seldom experienced inland; trees uprooted; considerable structural damage occurs	55-63	48-55
11	Violent Storm	Very rarely experienced; accompanied by widespread damage	64-72	56-63
12	Hurricane		Above 72	Above 63

*For the purpose of statistical summaries winds of force 7 are not regarded as gales. (The velocity equivalents refer to a height of approximately 10 metres above level ground free from obstruction.)

INTERNATIONAL SCALE OF VISIBILITY

Distance at Which Standard Object is Visible	Code Number	Description
Less than 50 yds.	0	Dense fog.
50 yds.	1	Thick fog.
200 yds.	2	Fog.
500 yds.	3	Moderate fog.
1,000 yds.	4	Mist, haze, or very poor visibility.
2,000 yds.	5	Poor visibility.
2½ miles	6	Moderate visibility.
6 miles	7	Good visibility.
12 miles	8	Very good visibility.
30 miles	9	Excellent visibility.