4. Cenaothus Americanus, flowering.

6. Willow Wren (Motacilla Trochilus) singing, and Elecampane (Inula Helenium) flowering.

10. Carnations now begin to decorate the Florist's parterre.

11. Perfoliate Silphium (Silphium Perfoliatum) Rudbeckia Laciniata, Rudbeckia, Digitata, and Proliferous, Saint John's Wort (Hypericum Proliferum) flowering.

13. Red Admirable Butterfly (Papilio Atalanta) appearing.

16. Red Eyebright (Euphrasia Odontites) and Superb Lily (Lilium Superbum) flowering.

17. The reaping of barley and oats now commenced, and what was not laid by the heavy rains appears a good crop, but the wheat greatly injured by mildew (Uredo Frementi.)

18. Silver Stripe Fritillary Butterfly (Papilio Paphia) and Clouded Orange Butterfly (Papilio Ædusa) have appeared this season in considerable numbers.

27. Chequer Flowered Meadow Saffron (Colchicum Varigatum) flowering. Common Swallow (Hirundo Rustica) begin to gather in flocks.

METEOROLOGICAL REPORT.

INTRODUCTION.

To prognosticate the changes which take place in the atmosphere, is so interesting an object with every description of persons, from the beggar to him that sits on an Imperial Throne, that whatever has in the smallest degree tended towards the facilitating a knowledge of the impending changes has been greedily received, and the first philosophers of Europe have not thought it beneath them to keep registers of the weather, in hopes, that, at some future period, mankind might derive important advantages from their observations. Franklin, De Luc, and others, have endeavoured to invent instruments better fitted to mark the changes which take place; but none hold a more conspicuous place than our countryman, Mr. R. Kirwan, who, in his estimate of the temperature of the different latitudes, has given a series of tables, calculated with infinite industry, from the Transactions of Learned Societies established in different quarters of the world. By these tables, the temperature may be calculated with sufficient accuracy for agricultural or horticultural purposes; but the husbandman is yet at a loss to know what dependence should be placed on the flitting clouds, whether his hay, when exposed to dry, will meet the long-wished-for sun-shine; and the gay party, bent upon a rural excursion are yet afraid to fix a particular period for their intended journey. In hopes, however, that at some future day, a genius may arise, who will arrange and give to the world, a system which shall tend to remove that uncertainty, mankind at present, labour under, with regard to foretelling the various modifications of the atmosphere, we will endeavour to present a series of well authenticated observations, which may assist him to complete so desirable an undertaking.

The showery weather which commenced with the 15th of July, continued with little intermission until the 17th of August, when a change took place, and good harvest weather continued till the 27th. About 4 P. M. of that day, loud thunder was heard to the southward of Belfast, attended with heavy rain, which apparently terminated in the south-east, and a clear sky, with a pleasant breeze, has since prevailed. It has been said, that, by the course of the thunder clouds, and their point of termination, the weather, which will in all probability follow, may be pretty accurately guessed at. This is a matter, however, that we do not at present venture to decide upon; but will be glad of any observations from our correspondents, which may elucidate this matter.

The heat of this summer, which has been unusually great, has gradually begun to decline; on the 5th and 16th, the thermometer at 8 A. M. was as high as 66, but on the 28th it was as low as 49, at 9 A. M. On the 6th at 3 P. M. it was as high as 71, which was the highest observed this month.

CELESTIAL PHENOMENA.

FOR SEPTEMBER, 1808.

The moon passes the meridian of Belfast on the 1st of this month at fifty-five minutes past nine afternoon; the two first stars of the Goat being near her, but west of the meridian...at nine she is forty-nine degrees ten minutes from the first of Pegasus, which is