their tracks are still visible in the snow for twenty or thirty yards on their north side, from which they have gathered up their concentric coats ; and I understand these were still more evident at an early hour before a snow-shower obliterated them in many places.

I am, Sir, yours very truly,

CHARLES CLOUSTON.

METEOROLOGICAL OBSERVATIONS FOR FEB. 1847.

Chiswick.—February 1. Overcast. 2. Slight snow. 3. Cloudy. 4. Cloudy: frosty. 5. Overcast. 6. Slight rain. 7. Overcast: snowing. 8. Sharp frost: snowing. 9. Clear and frosty: intense frost at night. 10. Severe frost: snowing. 11. Overcast: slight thaw: severe frost. 12. Intense frost: clear: severe frost. 13. Clear and frosty. 14. Rain. 15. Cloudy: boisterous. 16. Overcast: rain. 17. Fine. 18. Densely clouded: boisterous. 19. Boisterous: fine: clear and calm. 20, 21. Overcast: fine. 22. Hazy: overcast. 23. Hazy and cold. 24. Dry air: clear and frosty. 25. Slight haze. 26. Hazy. 27, 28. Cloudy and cold.

Mean temperature of the month	34°·79
Mean temperature of Feb. 1846	43 ·32
Mean temperature of Feb. for the last twenty years	39 ·55
Average amount of rain in Feb.	1·61 inch.

Boston.—Feb. 1. Cloudy: snow p.m. 2. Cloudy: snow early a.m.: snow nearly all day. 3. Cloudy: snow p.m. 4. Fine. 5—7. Cloudy. 8—10. Fine. 11. Cloudy: snow on the ground. 12. Cloudy. 13. Fine. 14. Cloudy: rain early a.m. 15. Cloudy. 16. Cloudy: rain early a.m. 17. Fine: rain early a.m. 18. Fine: rain p.m. 19. Stormy. 20—23. Cloudy. 24. Fine. 25. Cloudy. 26. Cloudy: snow early a.m. 27. Fine: snow p.m. 28. Fine: melted snow.

Sandwich Manse, Orkney.—Feb. 1. Snow: clear. 2. Snow: clear: frost: clear. 3. Bright: thaw: drizzle. 4. Damp: drizzle. 5. Showers: lightning. 6. Hail-showers: aurora. 7. Hail-showers: snow-showers: aurora. 8. Snow-showers: aurora. 9. Snow-drift. 10. Sleet: thaw: snow: frost. 11. Deep snow*: snow. 12. Deep snow: bright: showers: thaw. 13. Thaw: rain. 14. Sleet-showers. 15. Cloudy: showers. 16. Showers. 17. Showers: rain. 18. Showers. 19. Showers: clear. 20. Cloudy: rain. 21. Bright: showers. 22. Bright: clear: aurora: large halo. 23. Bright: clear. 24. Cloudy: clear: aurora. 25. Clear: frost: clear. 26. Bright: clear. 27. Clear: cloudy. 28. Cloudy.

Applegarth Manse, Dumfries-shire.—Feb. 1. Frost: snow lying half an inch deep. 2. Frost: slight shower: snow. 3. Frost. 4. Frost, but mild. 5. Thaw: slight rain. 6. Thaw: fair. 7. Frost: clear and fine. 8. Frost, hard. 9. Frost: threatening snow. 10. Frost: sprinkling snow. 11. Frost: fine: clear. 12. Frost: sprinkling snow. 13. Frost a.m.: rain p.m. 14. Thaw, soft and fine. 15. Frost, slight: thaw: rain. 16—18. Rain. 19. Rain and sleet: fierce wind. 20. Rain and wind. 21. Fair and fine: thrush singing. 22. Rain early a.m.: cleared. 23. Slight hoar-frost: clear. 24. Frost: clear and bright sun. 25. Hoar-frost. 26, 27. Frost. 28. Frost: clear and fine.

Mean temperature of the month	36°·25
Mean temperature of Feb. 1846	43 ·4
Mean temperature of Feb. for twenty-five years	37 ·2
Mean rain in Feb. for twenty years	2 inches.

* This morning the snow in many places is found rolled up in hollow fluted cylinders, the largest of which measures $3\frac{1}{2}$ feet long and 7 feet in circumference: one which measures 3 feet by $6\frac{1}{2}$ weighs 64 lbs.

1847. "Meteorological observations for Feb. 1847." *The Annals and magazine of natural history; zoology, botany, and geology* 19, 287–287.

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