Equivalent of chromium

M. Lefort

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tion is very distinct. This compound is white; on treating it with potash, there are produced ferrocyanide of potassium and yellow oxide of mercury, insoluble in excess of potash.—*L'Institut*, Avril 10, 1850.

EQUIVALENT OF CHROMIUM. BY M. LEFORT.

According to Berzelius, the equivalent of chromium is 351; other chemists make it 320 and 330: according to M. Lefort, the equivalent is 333.—*Ibid*.

METEOROLOGICAL OBSERVATIONS FOR MARCH 1850.

Chiswick.—March 1. Hazy: very fine: overcast. 2. Densely overcast. 3. Cloudy. 4. Cloudy: clear and frosty at night. 5. Frosty: fine: cloudy. 6, 7. Foggy: fine: clear. 8. Hazy. 9. Slight fog: fine: clear. 10. Very fine. 11. Clear and fine: frosty. 12. Frosty: very fine: clear. 13. Frosty, with slight fog: very fine. 14. Overcast. 15. Overcast: clear, with sharp frost at night. 16. Frosty: overcast: clear. 17. Frosty: cloudy: sunshine occasionally: clear and frosty. 18. Frosty and fine. 19, 20. Cloudy. 21. Cloudy and cold: clear and frosty. 22. Hoar-frost: cloudy. 23. Heavy clouds: sleet-showers. 24. Slight fall of snow-flakes: severe frost at night. 25. Clear and frosty: cloudy: clear: frosty. 26. Overcast. 27. Foggy: slight haze: frosty. 28. Slight haze: bright sun with dry cold air: clear and frosty. 29. Foggy: cloudy: clear. 30, 31. Overcast.

Mean temperature of the month 37°·71

Mean temperature of March 1849 41·56

Mean temperature of March for the last twenty-three years 42·81

Average amount of rain in March 1·36 inch.

Boston.—March 1, 2. Cloudy. 3. Fine: rain p.m. 4. Cloudy. 5—7. Fine. 8, 9. Cloudy. 10. Fine. 11. Cloudy. 12, 13. Fine. 14, 15. Cloudy. 16. Cloudy: rain a.m. 17, 18. Fine. 19. Cloudy: rain a.m. 20. Cloudy. 21. Fine. 22. Cloudy. 23. Fine: rain early a.m. 24. Cloudy: snow a.m. and p.m. 25. Cloudy. 26, 27. Fine. 28. Fine: rain a.m. 29, 30. Fine. 31. Cloudy: rain a.m.

Applegarth Manse, Dumfries-shire.—March 1. Fine: a shower early a.m. 2. Slight shower during night: thick p.m. 3. Rain heavy a.m.: cleared. 4. Frost: clear and fine. 5. Moist all day. 6. Mild and growing: moist. 7. Fine spring day. 8. Still finer: clear and warm. 9. Dull and moist: slight shower. 10. Clear and fine: slight shower. 11. Frost: clear and bright. 12. Frost: cloudy. 13. Frost, not so severe. 14, 15. Mild: cloudy: no frost. 16. East wind: dull. 17. Dull: raw: cold: shower. 18. Dull and cloudy, but mild. 19. Dull a.m.: cleared: rain p.m. 20. Very fine: slight drizzle. 21. Fine, though raw a.m. 22. Dry, but cloudy: stormy p.m. 23. Frost: snow: wind. 24. Hard frost: snow: calm p.m. 25. Frost very hard: thermometer 21½°. 26. Frost slight: heavy snow a.m. 27. Frost severe: snow again. 28. Frost still harder: clear. 29. Frost still. 30. Frost moderate: hail: rain p.m. 31. Rain: cloudy and foggy p.m.

Mean temperature of the month 40°·3

Mean temperature of March 1849 41·8

Mean temperature of March for the last twenty-eight years. 39·6

Average rain in March for twenty-three years 2·35 inches.

Sandwick Manse, Orkney.—March 1. Showers: drops. 2. Drizzle. 3. Cloudy: showers. 4. Snow: cloudy. 5. Damp: rain. 6. Drizzle: cloudy. 7. Damp. 8. Fine: drizzle. 9. Cloudy: showers. 10. Sleet: aurora. 11. Bright: clear: aurora. 12. Drizzle. 13. Damp: drizzle. 14. Drizzle: damp. 15. Bright: damp. 16. Cloudy. 17. Drops: showers. 18. Hazy: cloudy. 19. Cloudy. 20. Bright: drops. 21. Cloudy: drops. 22. Showers: snow-showers. 23. Hail-showers: snow-showers. 24. Snow-drift: snow-showers. 25. Snow-showers: large halo. 26. Snow-showers. 27, 28. Bright: snow-showers. 29. Bright: clear. 30. Cloudy. 31. Drops: cloudy.