

CORRECTIONS, ADDITIONS, AND CHANGES.

MONTHLY WEATHER REVIEW FOR 1898.

Page 359, column 2, lines 12 and 13, after v in the formulæ, insert the minus (—) sign.

Page 410, column 1, line 32, for "XVI" read "XVII."

MONTHLY WEATHER REVIEW FOR 1900.

Page 456, Alaska, Coal Harbor, strike out all data and enter 60, 25, 43.4, 5.35.

Page 536, column 2, last equation, for

$$= \frac{1}{2}(q_3^2 + q_2^2 - q_4^2 - q_1^2) + g(z_3 + z_2 - z_4 - z_1).$$

read

$$= \frac{1}{2}(q_2^2 + q_4^2 - q_1^2 - q_3^2) + g(z_2 + z_4 - z_1 - z_3).$$

Page 564, Arizona, Tucson, minimum temperature, for "28" read "25;" mean temperature for "52.4" read "51.6."

The following changes have been made in the names of stations: California, "Deweyville" changed to "Wasco;" "Lankershim" to "Storey."

Mississippi, "Logtown" to "Pearlington."

Nevada, "Duck Valley" to "Owyhee;" "Empire Ranch" to "Potts."

MONTHLY WEATHER REVIEW FOR 1901.

Page 6, column 2, line 27 from bottom, for "460° F." read "492° F."

Page 7, last line of column 5 of table, for "467.77" read "465.77."

Page 33, Colorado, Blaine, mean temperature, for "36.7" read "35.8."

Page 35, Maryland, Laurel, precipitation, for "2.94" read "3.02."

Page 36, Missouri, Brunswick, mean temperature, for "31.8" read "31.4."

The following changes have been made in the names of stations:

California, "Volcano Springs" to "Volcano."

Missouri, "East Lynne" to "Eight Mile."

Page 56, column 1, line 36, in place of "and St. Kitts, Antigua, and Barbados. On the other hand," read "and St. Kitts, Antigua, and Barbados, on the other hand." Column 2, line 26, after "slopes" insert period (.) in place of comma (,). Line 38, insert "elevation" before "only"; line 39, for "visitor" read "visitors."

Page 57, column 1, line 2, dele "which."

Page 85, Kansas, Eureka Ranch, precipitation, for "0.65" read "0.75."

The following changes have been made in the names of stations:

Florida, "Dalkeith" to "Wewahitchka."

Montana, "Dearborn Canyon" to "Clemons."

Washington, "New Whatcom" to "Whatcom."

Page 122, strike out under the heading "errata" the last item: "line 25 from bottom, for 530° read 562°." The original text was correct.

Page 132, Missouri, Potosi, mean temperature, for "40.8" read "41.9."

Page 137, West Virginia, Philippi, mean temperature, for "42.0" read "41.0."

The following changes have been made in the names of stations:

Utah, "Holyoake" to "Aneth."

Page 138, Maryland, "Late reports for February," Laurel, Md., total precipitation, for "0.90" read "0.62."

Page 156, column 2, line 8 from the bottom for " $x = -6.3$," read " $x = -1.3$."

Page 157, column 2, right-hand side of the second equation from bot-

tom, for—

$$\frac{1}{q} \left(\frac{q\eta}{e^2} - \frac{q\eta}{e^2} \right) \text{ read } \frac{1}{q} \left(\frac{q\eta}{e^2} - e \right).$$

Page 163, column 2, table of Mexican data, last line, under humidity, for "63" read "36," and for "precipitation, —," read "0.00."

Page 166, column 1, line 5 from bottom, for "island" read "climate."

Page 176, column 2, interchange lines 24 and 26 from the bottom.

Page 190, New Mexico, for "Las Vegas Hot Springs" read "Las Vegas."

Page 194, "Late reports for March," strike out all data for Sitka, Alaska, and enter "46, 17, 36.8, 7.80, 2.00;" Sedro, Wash., mean temperature for "43.9" read "44.9."

The following changes have been made in the names of stations: Missouri, "Wylie" to "Dean."

Page 208, Table 3, rainfall at stations in Costa Rica, Zent, for "30 mm," read "23."

Page 210, column 2, strike out all between and including the words "earthshine" in the 16th line from the bottom and "orbit" in the 10th line from the bottom and insert the following:

"intensity of earthshine on the moon when the latter is at apogee, at mean distance from the earth, and at perigee, may be expressed in

percentages by 80, 100, and 137, respectively, showing a total variation of 57 per cent due to the eccentricity of the moon's orbit, the intensity at mean distance being assumed as the standard."

Page 211, rainfall table for Hawaii, column 2, heading, for "elevation" read "elevation approx.;" column 2, for "Kukuinaele" read "Kukuihaele" for "Kohola" read "Kohala," for "Hawi Mill" read "Hawi;" for "Kipahullai" read "Kipahulu;" for "Keomoku" read "Keomuku;" "Manoa, Woodlawn D." should read "Woodlawn Dairy;" for "Maakiki" (reservoir) read "Makiki," and add approximate elevation "150 feet;" Nuuanu (electric station), elevation, for "450" read "405" feet; for "Waimamalo" read "Waimanalo;" for "Waiawa, Mount," read "Waiawa Mountain;" Olowalu, annual normal rainfall, add "8.80" inches; transfer annual normal rainfall "34.80" inches from Haiku to "Kula" (Erehwon). Same page, column 1, line 9 from bottom, highest mean temperature at sea level, for "84" read "86."

Page 212, column 1, line 6, extremes of precipitation, for "0.07 at Niuli" read "0.02 at Awini;" same line for "Wahiawi, Mount Kauai" read "Wahiawa Mountain on Kauai Island. Same page, column 1, line 4 from bottom, barometer, greatest 24-hour change, for "0.9" read "0.09;" column 2, line 7, Kapiolani Park, for "—" read "no report;" line 29, average temperatures, Oahu, add "mean 75.4." In table of meteorological observations at Honolulu, make maximum sea-level pressure for the 12th read "30.11" instead of "29.11."

Page 213, column 1, line 4 in the expression "thirty-four of new forms," omit the word "of."

Page 214, list of micrographs, etc., supply the following dates:

17, 1901, February 5. 18, 1898, January 5. 24, 1893, February 16. 25, 1892, January 5. 26, 1899, December 14.

Page 219, "Hail Insurance," column 2, line 12, "167,340,000," should read "167,270,400;" in lines 15, 19, and 26, for "1,000,000" read "5,000,000" tons; in line 19, for "5,000,000 foot-tons," read "25,000,000,000;" lines 28, 29, and 30, "done by an engine of 1,000,000 horse power, and therefore represents the work," to be struck out, and line 30, "1,000,000" should read "5,000,000;" line 32, local winds, should read "forces of evaporation and diffusion."

Page 229, Maine, Kineo, strike out precipitation data.

Page 231, Nebraska, Ashland, total precipitation, for "2.98" read "2.89."

Page 233, Oregon, Salem δ strike out all values and enter "85, 40, 56.6, 1.79."

Page 253, column 2, line 6 from bottom, for "following" read "preceding;" line 7 from bottom for "division is" read "divisions are."

Page 257, column 1, note at bottom of table, omit "the sea."

Page 263, column 2, line 29, for "marked" read "masked."

Page 265, column 2, line 16 from bottom, for "lunistic" read lunistic.

Page 268, column 1, line 29 from bottom, for "one-fifth per cent" read "1.5 per cent."

Page 268, column 2, line 5 from bottom, for "five thousand million" read "twenty-five thousand million."

Page 276, Idaho, Paris, make mean temperature read "56.5" instead of "61.5."

Page 278, Michigan, Port Austin, cut out precipitation.

Page 284, table of late reports for May, Amenia, N. Dak., mean temperature, for "64.2" read "59.2."

Page 299, column 1, line 10, for "Ammerschweid" read "Ammer-schweier."

Page 299, table, line 1, under barometer (corrected) for "756.5" read "759.0." Same column, opposite 9.05 a. m., insert "746.5."

Page 299, under "Remarks" opposite 11.23½ a. m., insert "We approach the cumulus turrets that rise from the cloud sea much higher than the balloon."

Page 306, note at bottom of page, column 1, lines 1 and 6, for "Pockles" read "Pockels."

Page 309, column 1, line 5 from bottom, for "east" read "west."

Page 317, column 1, line 12, title, dele "Wis." Back cover, table of contents, column 2, line 11, dele "Wis."

Page 327, Maryland, Boettcherville, total precipitation, for "4.08" read "3.08."

Page 332, Utah, Kelton, mean temperature, for "78.1" read "82.9."

Page 334, Porto Rico, Morovis, cut out all values except maximum temperature, and enter "64, 78.2, 17.62."

The following changes have been made in the names of stations:

New Jersey, "Deckertown" changed to "Sussex."

Oklahoma, "Prudence" changed to "Lyons."

Page 354, column 1, line 18, for "mentioning" read "maintaining."

Page 362, column 1, line 3 from bottom, for

$$p = \left(\frac{1 + \epsilon_1}{1 + \epsilon_2} \right), \text{ read } p = \left(\frac{1 + \epsilon_1}{1 + \epsilon_2} \right)^m.$$

Page 363, column 1, delete all of line 20 after "curves," and all of line 21, and insert the following in its place: "In connection with the spectral energy-curves shown in fig. 1, the circles indicate Langley's Lone Pine high-sun observations, August 11, 12, and 14, 1881, and values outside the atmosphere computed from the same. The crosses indicate Mount Whitney observations, September 1, 2, and 3, 1881, and outside values computed by formulæ R and D. Maxima are shown at the following points:" (See fig. 1.)

Page 410, column 1, line 22, for "material" read "cloud observations; line 23, for "observations" read "these."

Page 419, column 2, line 30, after the word "velocity" insert "of the upper current from the resulting velocity."

The following changes have been made in the names of stations: Oklahoma, "Vittum" changed to "Guthrie."

Oregon, "Harris" changed to "Blackbutte."

Page 439, Virginia, for "Rockymount" read "Salem."

Page 439, Washington, Wenatchie, (near), mean temperature, for "55.0" read "55.6."

Page 525, Ohio, Oberlin, precipitation, for "2.31" read "2.36."

Page 526, Texas, New Braunfels, mean temperature, for "60.9" read "61.6."

Page 551, column 2, line 41, for "La Place" read "Laplace."

Page 579, New Jersey, Dover, precipitation, for "7.42" read "7.32."