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PLANETARY * ALMANAC

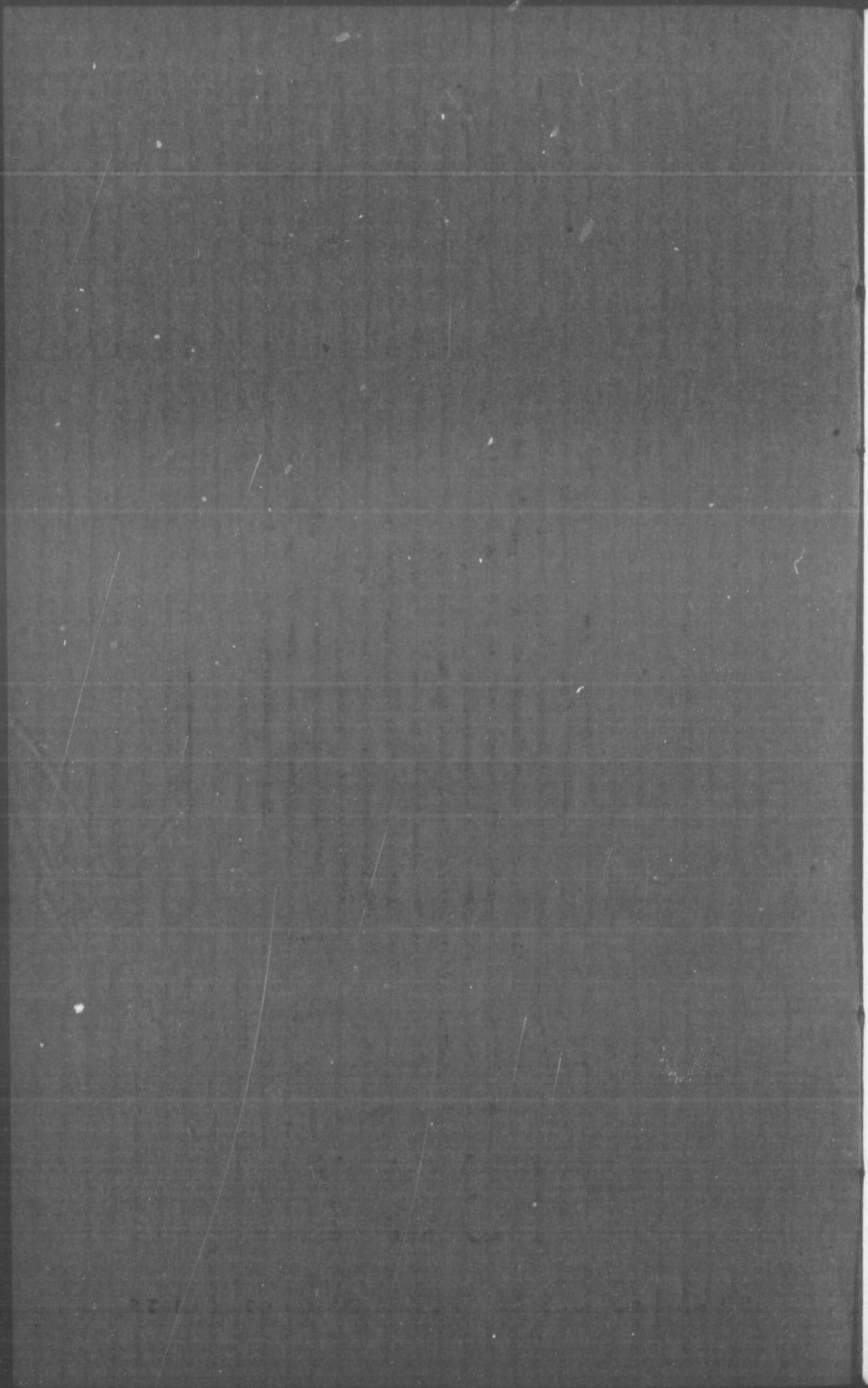


AND WEATHER GUIDE

FOR

1897

PRICE 10 CENTS. POST PAID 12 CENTS.





THE LATE WALTER H. SMITH

SMITH'S
Planetary • Almanac
... AND ...
WEATHER GUIDE.



BY JAMES H. OXLEY,

Editor of Smith's Planetary Almanac and Weather Guide
for 1896.

Pocket Edition hurriedly issued at last moment by
request of old subscribers.

See Enlarged 1898 Edition.

MONTREAL:
2065 ST. CATHERINE STREET,
1896.

Twentieth Annual Address.

In the closing lines of the Nineteenth Annual Address of Smith's Planetary Almanac for 1896, I stated that if the weather predictions were fairly successful they would be continued from year to year. I am pleased to say that letters of encouragement have reached me from every part of Canada and the United States, urging a continuance at least of the weather predictions.

Owing to press of business, added to the fact that in the past the Almanac has barely paid its working expenses, I decided, though with much regret, to discontinue the publication. Having issued a circular to this effect to all old subscribers, I was agreeably surprised at the demands made upon me for weather notes, and at the last moment de-

cided to meet the wishes of the numerous enquirers by publishing the weather predictions in a form convenient for the pocket.

The issue for 1898 will be enlarged, the pages the same size as formerly, and the information and general astronomical reading matter very interesting, with less technical details.

JAMES H. OXLEY.

MONTREAL, December, 1897.

CHRONOLOGICAL CYCLES AND ERAS.

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EPACT	- - - - -	26
LUNAR CYCLE OR GOLDEN NUMBER	-	17
SOLAR CYCLE	- - - - -	2
ROMAN INDICTION	- - - - -	10
JULIAN PERIOD	. - - - -	6610
JEWISH YEAR BEGINS SEPT. 26TH.	-	5658
MAHOMMEDAN YEAR BEGINS JUNE 2ND.		1315

ECLIPSES.

In the year 1897 there will be two eclipses, both of the Sun.

I.—An annular eclipse of the Sun, Feb'y 1st; invisible in Canada; visible as partial eclipse in Southern States of America.

II.—An annular eclipse of the Sun, July 29th; visible over Canada and the United States as a partial eclipse.

CHRONOLOGICAL ERAS.

The first day of January of the year 1897 is the 2,413,926th day since the commencement of, and the 6610th, year of the Julian Period.

The year 1897 is the 7405-7406 of the Byzantine Era, the year 7406 commencing on September 1st.

The year 5657-58 of the Jewish Era, the year 5658 commencing on September 27th, or more exactly at sunset on September 26th.

The year 2650 since the foundation of Rome, according to VARRO.

The year 2644 since the beginning of the Era of NABONASSAR, which has been assigned to Wednesday, the 26th of February of the

3967th year of the Julian Period ; corresponding, in the notation of chronologists, to the 747th ; and in the notation of astronomers, to the 746th year before the birth of CHRIST.

The year 2673 of the Olympiads, or the first year of the 669th Olympiad, commencing in July, 1897, if we fix the Era of the Olympiads at $775\frac{1}{2}$ years before CHRIST, or near the beginning of July of the year 3938 of the Julian Period.

The year 2209 of the Grecian Era, or the Era of the Seleucidæ.

The year 1613 of the Era of Diocletian, and the year 2557 of the Japanese Era.

The year 1315 of the Mohammedan Era, or the Era of the Hegira, commences on June 2nd, 1897.

The 122nd year of the Independence of the United States of America begins on July 4th, 1897.

The 31st year of the Confederation of the Provinces of the Dominion of Canada begins on July 1st, 1897.

The year 1897 is the 405th-6th since the discovery of America by Columbus, October 12th 1492.

The 28^gth-9^oth since the foundation of Quebec by Champlain in 1608.

The 25⁵th-6th since the foundation of Montreal by Maisonneuve on May 17th, 1642.

The 131st-32nd since the Treaty which confirmed the possession of Canada to the British in 1766.

WEATHER FORECAST, 1897.

JANUARY.

Opens mild, changeable, with sleet, rain and snow in first ten days, turning to continuous cold weather throughout the month; the closing days stormy, with high winds.

PLANETS IN JANUARY.

The moon is near Mercury on the 4th, passes Venus on the 6th, near Mars on the 14th, and passes Venus on the 15th. Mercury is 90° from the sun, and visible after sunset in the Eastern sky on the 10th, and Venus is similarly placed on the 30th.

FEBRUARY.

The early days of this month will be stormy, with snow, sleet or rain, followed by a calmer period; high winds and drifts about the 11th, moderating to dull clear and variable, with snowstorm about the 17th, and clear, windy, cold spell to 22nd; snow flurries and rain in last week; month closing clear and cold.

PLANETS IN FEBRUARY.

The moon is near Mars on the 11th, and passes Neptune on the same day. Uranus is at quadrature with the sun on the 17th, being overhead at 6 hrs. morning. Saturn is also at quadrature on the 18th. Jupiter is brightest on the 23rd, and is overhead at midnight. Mercury is in Aphelion on the 27th.

MARCH.

Enters mild and clear, and continues so until about the 6th, when cold, sharp weather ensues, with storm and snow indications for the 10th, followed by a

clear to cold spell, with snow or rain about the 20th, the remaining days of month being clear, cool, and windy.

PLANETS IN MARCH.

The Moon is near Venus on the 7th, passes Neptune on the 11th, and near Mars on the same day. Neptune is at quadrature with the Sun on the 7th, and Mars on the 18th. Venus is at greatest brilliancy on the 21st. Venus is an Evening Star up to April 28th, and afterwards a Morning Star.

APRIL.

Comes in cool and wet, with variable winds; from 4th to 7th, soft, rainy; 8th to 17th, fair and mild, with showers; 18th to 24th, fine, cool, pleasant, and following days dull, breezy and misty, ending soft and fair.

Most storms commence in the far west, beyond our most western observers, but a few commence in the United States.

PLANETS IN APRIL.

Mars is in Superior Conjunction with the Sun on the 1st, in quadrature on the 8th, and in Perihelion on the 12th. Venus is in Inferior Conjunction with the Sun on the 28th.

MAY.

Ushers in fine, pleasant weather, with little rain during the first half of the month, followed by a variable, uncertain period from 16th to 24th, and then fine and warm, with showers. On the whole, a very pleasant month.

PLANETS IN MAY.

The Moon is near Venus on the 1st, Mercury on the 3rd, passes Neptune on the 4th, and is near Mars on the 5th. Uranus is brightest on the 17th, and Saturn on the 18th. Jupiter is at quadrature with the Sun on the 21st.

JUNE.

This month gives promise of extremely hot weather, as in 1896. Entering

warm and hot the first week, the hot wave continues into the second, with thunder showers on first and last days; showers moderating the heat in the third week, and the last four days of month will be fine and pleasant, with light showers at end.

PLANETS IN JUNE.

Venus is at greatest brilliancy on the 3rd and 4th, and in Aphelion (farthest from the Sun) on the 25th. Saturn is in conjunction with Uranus on the 13th, and Mercury on the 29th.

JULY.

This month promises pleasant weather, with normal temperatures, and little or no rain. Entering fairly cool, the first and second weeks will be fair, with cooling breezes; the third dull to fine, with rain at close; and the fourth week opens showery and cool, and closes warm, rainy and dull.

PLANETS IN JULY.

The Moon is near Mars on the 3rd, and passes Jupiter on the 4th. Mercury is at quadrature on the 5th, in Perihelion on the 9th, and in Superior Conjunction (behind the Sun) on the 15th. Mars is in Conjunction with Jupiter on the 25th, and with Neptune on the 28th.

AUGUST.

“Season of mists and mellow fruitfulness,” enters dull and hot, with showers; second week, fine to hot, with copious showers (thunder), and third week very similar, but ending hot and smoky; fourth week, warm to cool, with thunder at end.

PLANETS IN AUGUST.

Mercury is in Conjunction with Jupiter on the 13th. Saturn is at quadrature with the Sun on the 16th, and Uranus on the 17th. Saturn is in Conjunction with Uranus on the 25th.

SEPTEMBER.

Enters cloudy and gusty, but pleasant, with rain about the 10th or 11th; fine, open spell from 12th to 18th, followed by heavy rain and dull weather; from 24th to close of month fine and clear, but windy.

PLANETS IN SEPTEMBER.

Venus is at quadrature with the Sun on the 11th. Jupiter is in Conjunction with the Sun on the 13th, and Neptune at quadrature on the 14th. Mercury is in Inferior Conjunction on the 22nd, in Conjunction with Jupiter on the 27th and at quadrature on the 30th.

OCTOBER.

A cool, breezy, rainy month. The first week rainy, windy and cool; the second will give some clear, open weather, with showers in early and latter end; dull, cold and breezy in third, and dull to clear and cold in last week.

PLANETS IN OCTOBER.

Mercury is in Perihelion on the 5th, in Conjunction with Jupiter on the 6th. Venus makes her Perihelion passage on the 15th, and is in Conjunction with Jupiter on the 19th. The Moon is near Jupiter and Venus on the 23rd, and passes Mercury on the 25th.

NOVEMBER.

Comes in with wind and rain, first week closing fine, windy and cloudy; second ushers in snow and rain, with sleet and hail; third week opens unsettled, moderating to clearer, milder weather, closing with snow, sleet and rain; fourth week gusty, clear and cold, with heavy wet snow, moderating to mild, soft weather.

PLANETS IN NOVEMBER.

Mercury is in Superior Conjunction with the Sun on the 8th, with Mars on the 12th, Uranus on the 16th, in Aphelion on the 18th, and in Conjunction with Saturn on the same day. Mars is in Conjunction with Uranus and the

Sun on the 21st. Saturn is in Conjunction with the Sun on the 25th, and Mars with Saturn on the 27th.

DECEMBER.

The first days of the month will be dull and bleak, with light snow; and the week ending the 11th will have rain and snow in the early part, clear and cold at close; the second week dull and cold, with rain at end; third week, clear, cold and fine, with snow, sleet or rain; Christmas day warmer and clearer; closing week dull, with heavy snow or rain.

PLANETS IN DECEMBER.

Venus is in close Conjunction with Uranus on the 8th and with Saturn on the 12th, and Neptune is brightest on same day. The Moon is near Uranus and Saturn on the 21st, Venus and Mars on the 22nd, and close to Mercury on the 24th.

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