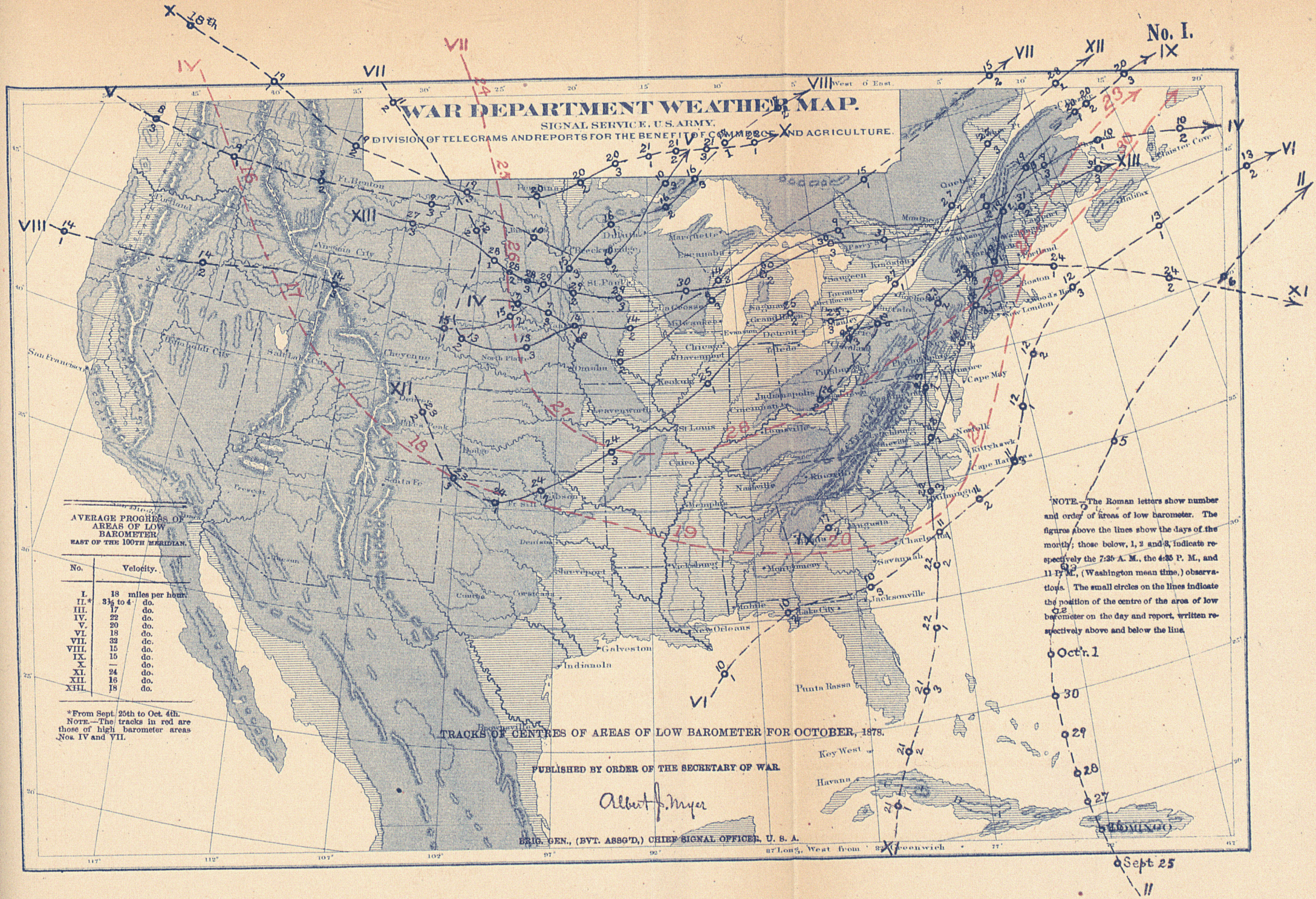
No. I.
WAR DEPARTMENT WEATHER MAP.
SIGNAL SERVICE, U.S. ARMY.
DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.
AVERAGE PROGRESS OF AREAS OF LOW BAROMETER EAST OF THE 100TH MERIDIAN.
No. Velocity.
I. 18 miles per hour.
II.* 3½ to 4 do.
III. 17 do.
IV. 22 do.
V. 20 do.
VI. 18 do.
VII. 32 do.
VIII. 15 do.
IX. 15 do.
X. — do.
XI. 24 do.
XII. 16 do.
XIII. 18 do.
*From Sept. 25th to Oct. 4th.
NOTE.—The tracks in red are those of high barometer areas Nos. IV and VII.
NOTE.—The Roman letters show number and order of areas of low barometer. The figures above the lines show the days of the month; those below, 1, 2 and 3, indicate respectively the 7:35 A. M., the 4:35 P. M., and 11 P. M., (Washington mean time,) observations. The small circles on the lines indicate the position of the centre of the area of low barometer on the day and report, written respectively above and below the line.
Oct'r. 1
30
29
28
27
Sept 25
TRACKS OF CENTRES OF AREAS OF LOW BAROMETER FOR OCTOBER, 1878.
PUBLISHED BY ORDER OF THE SECRETARY OF WAR.
Albert J. Myer
BRIG. GEN., (BVT. ASSG'D,) CHIEF SIGNAL OFFICER, U. S. A.
San Francisco
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Cheyenne
Denver
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Santa Fe
Fort Benton
Virginia City
Bismarck
Duluth
Marquette
Escanaba
St. Paul
La Crosse
Milwaukee
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Omaha
North Platte
Kenkuk
Leavenworth
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Cairo
Memphis
Vicksburg
Shreveport
Galveston
Indianola
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Mobile
Montgomery
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Savannah
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Pittsburgh
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Baltimore
Cape May
Norfolk
Hatteras
Cape Hatteras
Wilmington
Eastport
Calais
Dalhousie
Father Point
Anticosti
Magdalen Islands
Sydney
Halifax
Pictou
Canso
Yarmouth
Sable Island
Bermuda
Port Stanley
Port Huron
Parry Sound
Manitoulin
Minnesota
Barometer
Temperature
Rain
Snow
Clear
Cloudy
Fair
Threatening
Lightning
Thunder
Aurora
Fog
Dew
Frost
Hail
Sleet
Drizzle
Rain or Snow
Snow or Hail
Rain or Hail
Rain, Snow or Hail
Calm
Light
Brisk
High
Gale
Hurricane
Direction of Wind
Velocity of Wind
Force of Wind
Weather
Remarks
Stations
Isobars
Isotherms
Isotachs
Dotted lines show the tracks of the centres of the areas of low barometer.
Red lines show the tracks of the centres of the areas of high barometer.
Figures on the tracks show the days of the month.
Figures on the isobars show the barometer reading reduced to sea level.
Figures on the isotherms show the mean temperature for the day.
Figures on the isotachs show the velocity of the wind in miles per hour.
Figures on the stations show the state of the weather, direction and velocity of the wind, and the temperature at 7:35 A. M., 4:35 P. M., and 11 P. M., (Washington mean time,) respectively.
Greenwich
West 0 East
82 Long. West from
Equator
Tropic of Cancer