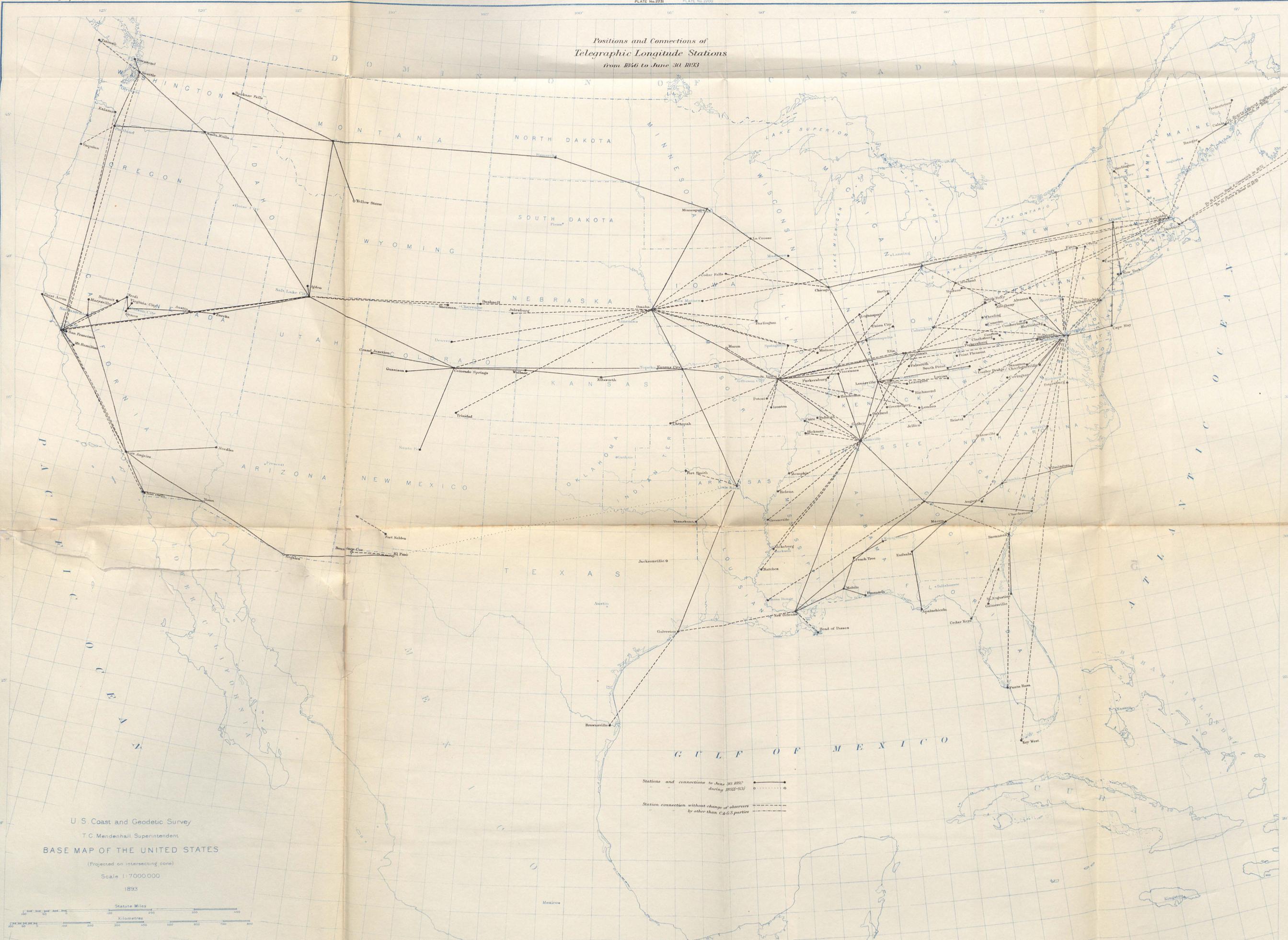


Positions and Connections of
Telegraphic Longitude Stations
from 1846 to June 30, 1893



U S Coast and Geodetic Survey
T.C. Mendenhall Superintendent
BASE MAP OF THE UNITED STATES
(Projected on intersecting cone)
Scale 1:7000000
1893



Stations and connections to June 30, 1893
during 1852-1863
Station connection without change of observers
to other than C&G.S. parties

Positions of Magnetic Stations
occupied to June 30, 1893

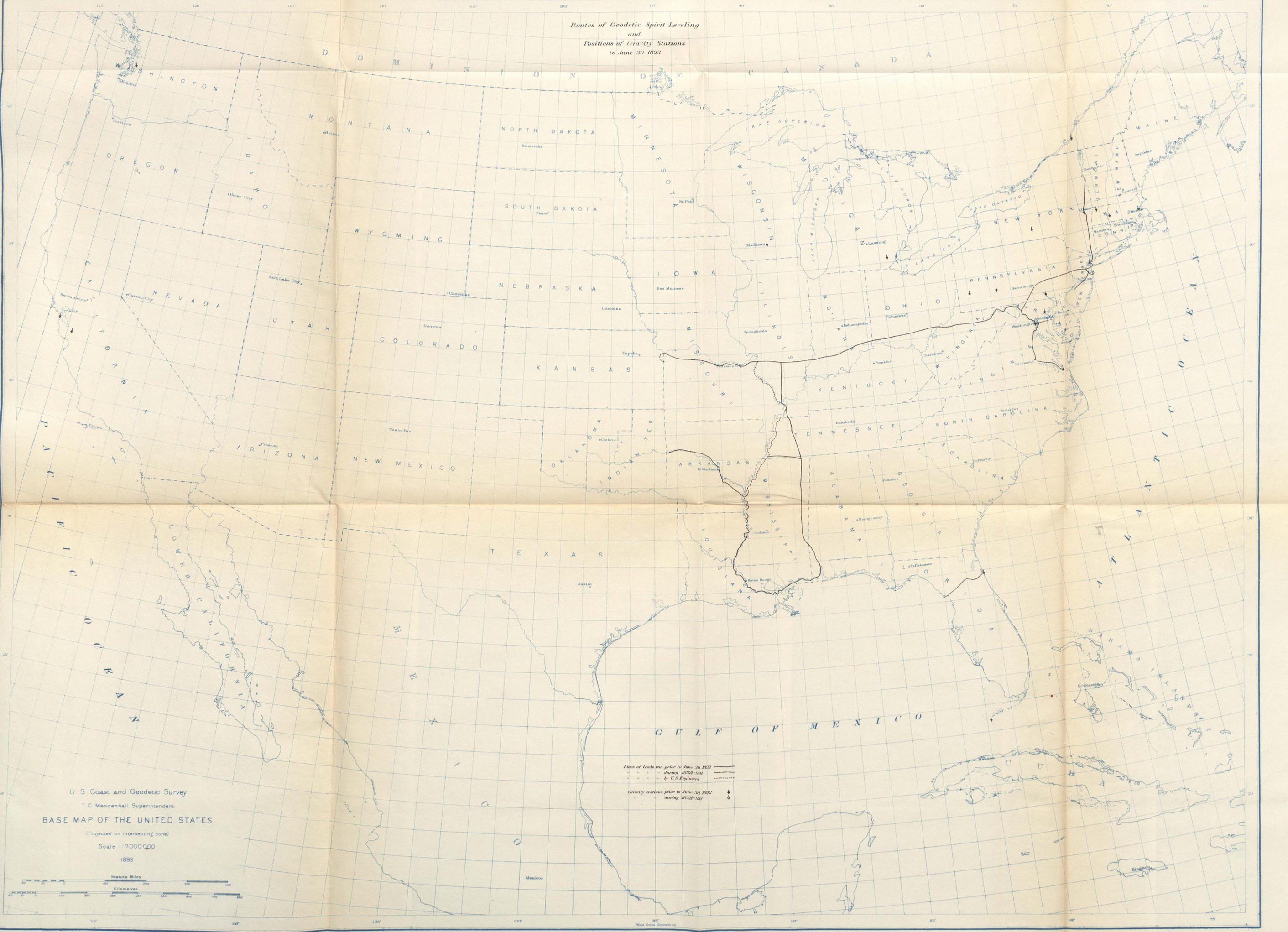


U S Coast and Geodetic Survey
 T C Mendenhall Superintendent
BASE MAP OF THE UNITED STATES
 (Projected on intersecting cone)
 Scale 1:7000000
 1893



Stations occupied prior to June 30, 1892
 during 1892-93

Routes of Geodetic Spirit Leveling
and
Positions of Gravity Stations
to June 30 1893



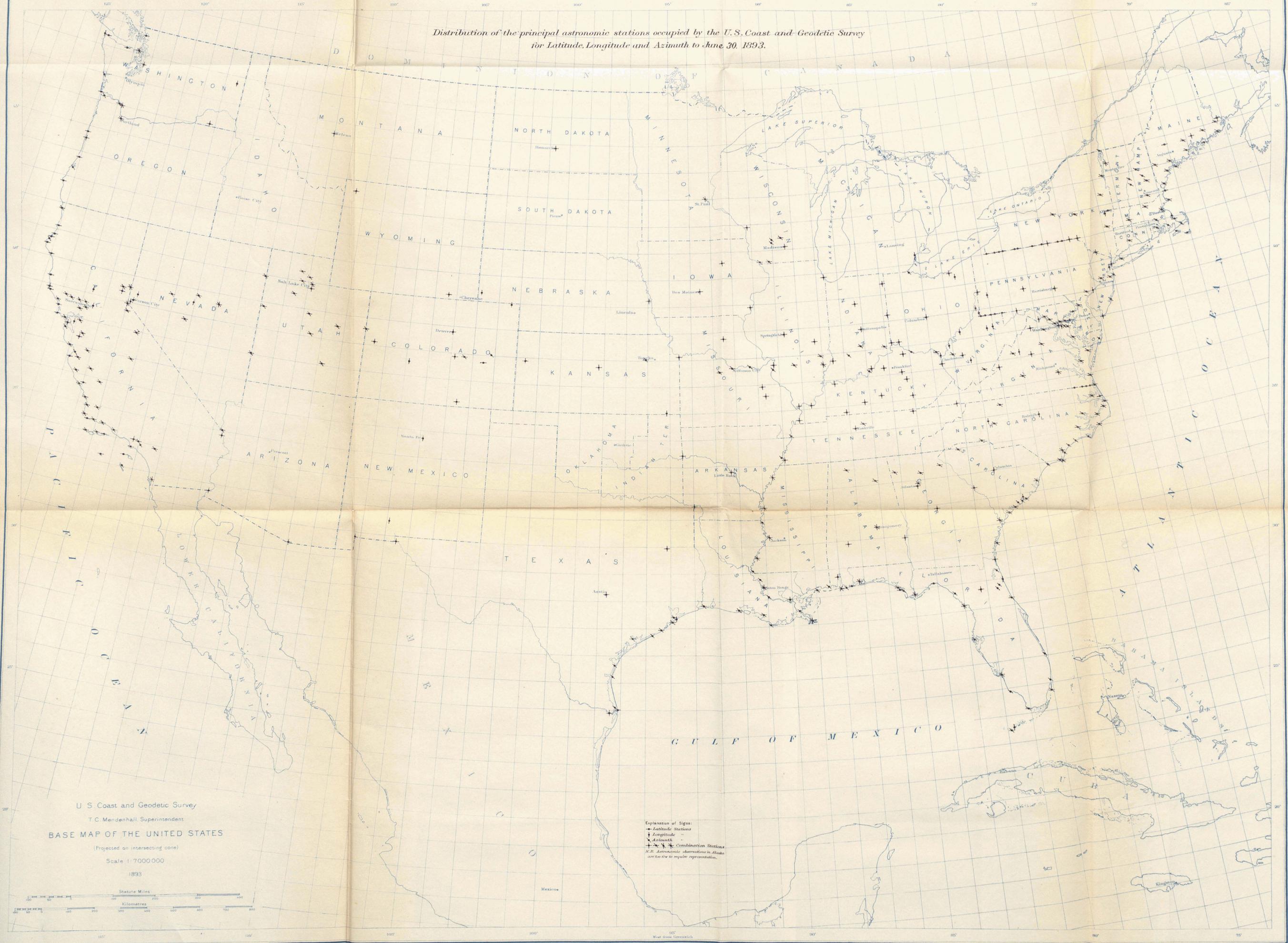
Lines of levels run prior to June 30 1892
" " " " during 1892-1893
" " " " by U.S. Engineers
Gravity stations prior to June 30 1892
" " " " during 1892-1893

U S Coast and Geodetic Survey
T.C. Mendenhall Superintendent
BASE MAP OF THE UNITED STATES
(Projected on intersecting cone)
Scale 1:7000000
1893



∞.

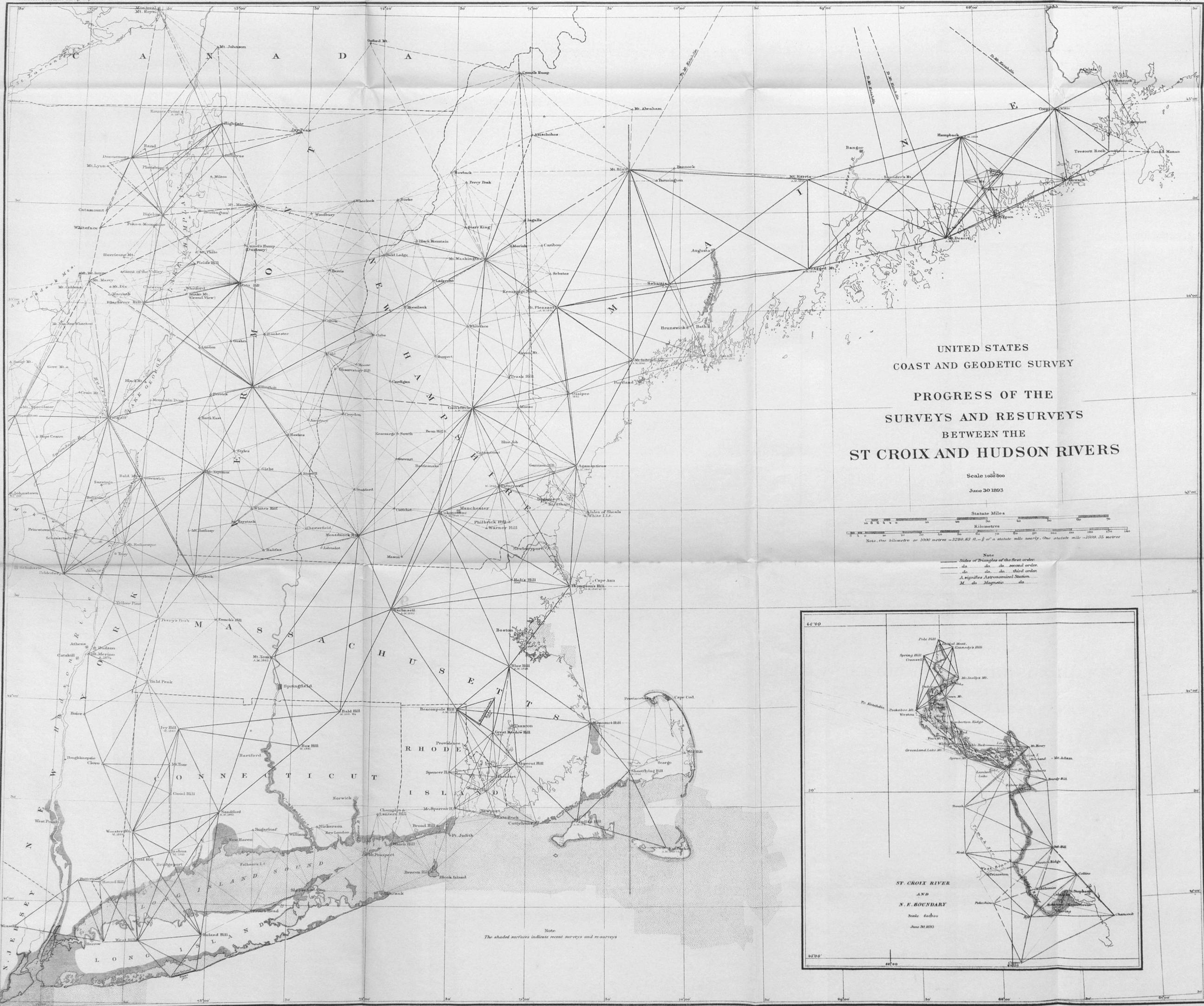
Distribution of the principal astronomic stations occupied by the U.S. Coast and Geodetic Survey for Latitude, Longitude and Azimuth to June 30, 1893.



U.S. Coast and Geodetic Survey
T.C. Mendenhall, Superintendent
BASE MAP OF THE UNITED STATES
(Projected on intersecting cone)
Scale 1:7000000
1893

Explanation of Signs:
+ Latitude Stations
+ Longitude "
* Azimuth "
+ * Combination Stations
N.B. Astronomic observations in Alaska are too few to require representation.



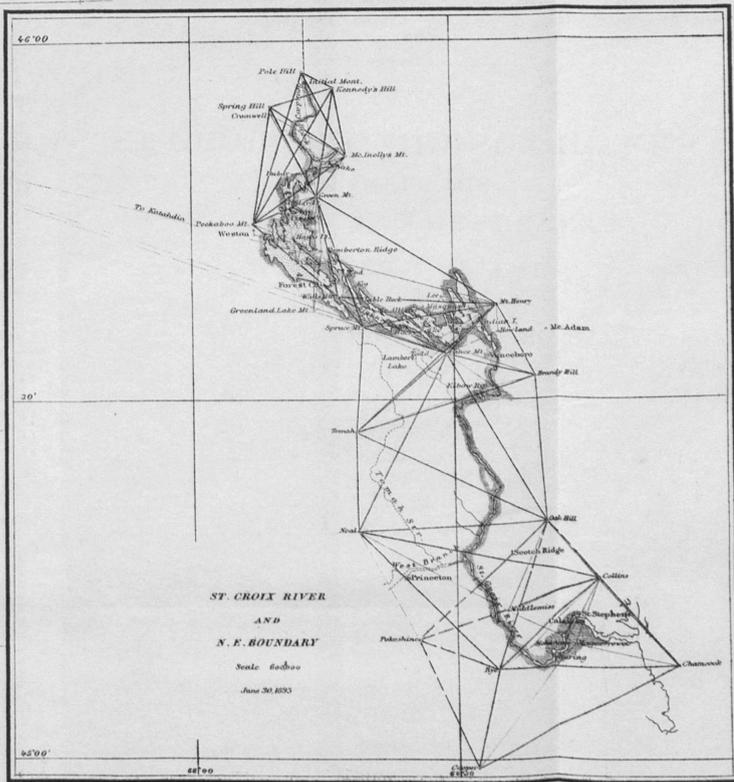


UNITED STATES
 COAST AND GEODETIC SURVEY
 PROGRESS OF THE
 SURVEYS AND RESURVEYS
 BETWEEN THE
 ST CROIX AND HUDSON RIVERS

Scale 1:100,000
 June 30 1893



Note
 — Sides of Triangles of the first order
 — do do do second order
 — do do do third order
 A. Significant Astronomical Station
 M. do Magnetic do



Note
 The shaded surfaces indicate recent surveys and resurveys

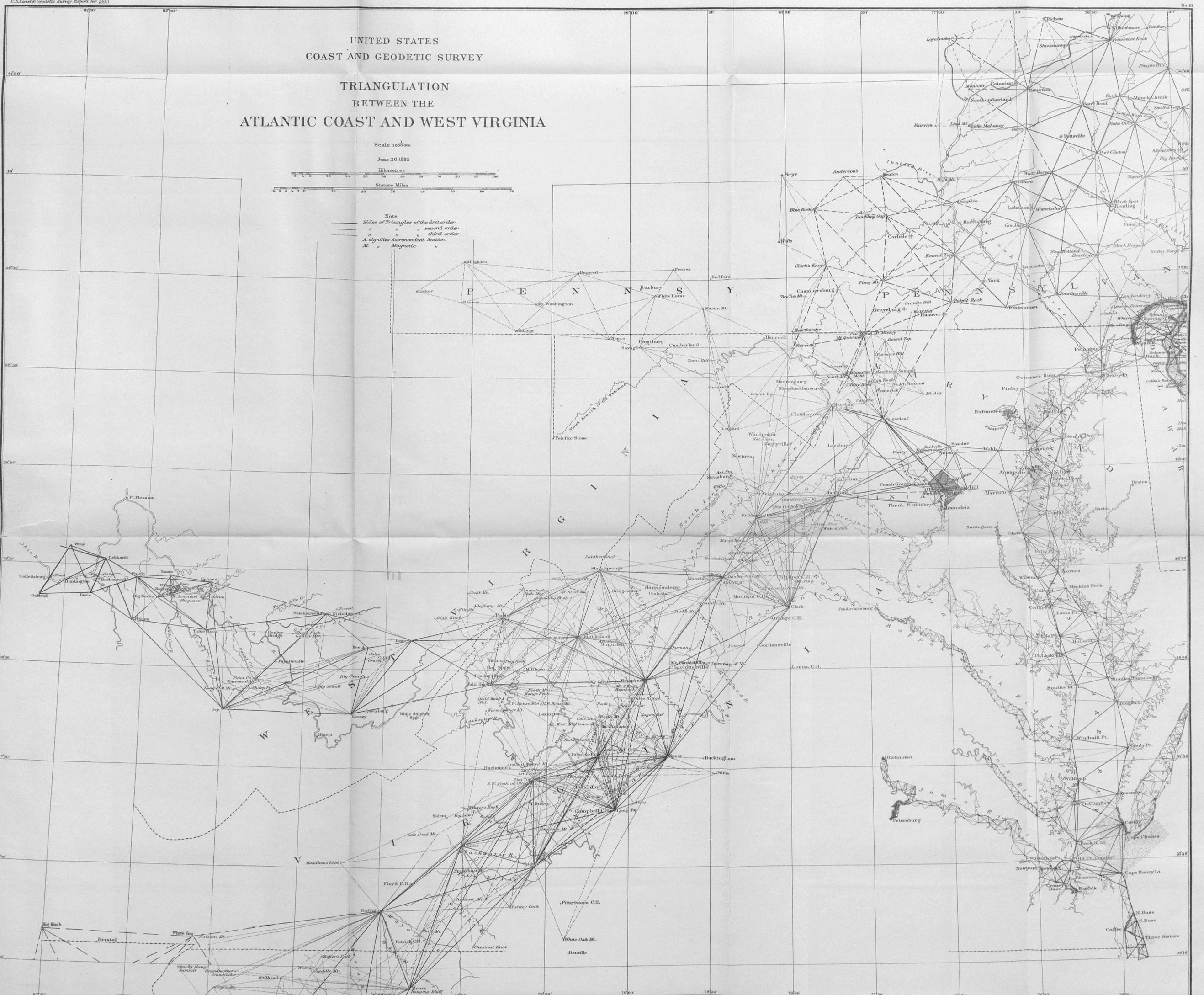
UNITED STATES
 COAST AND GEODETIC SURVEY
 TRIANGULATION
 BETWEEN THE
 ATLANTIC COAST AND WEST VIRGINIA

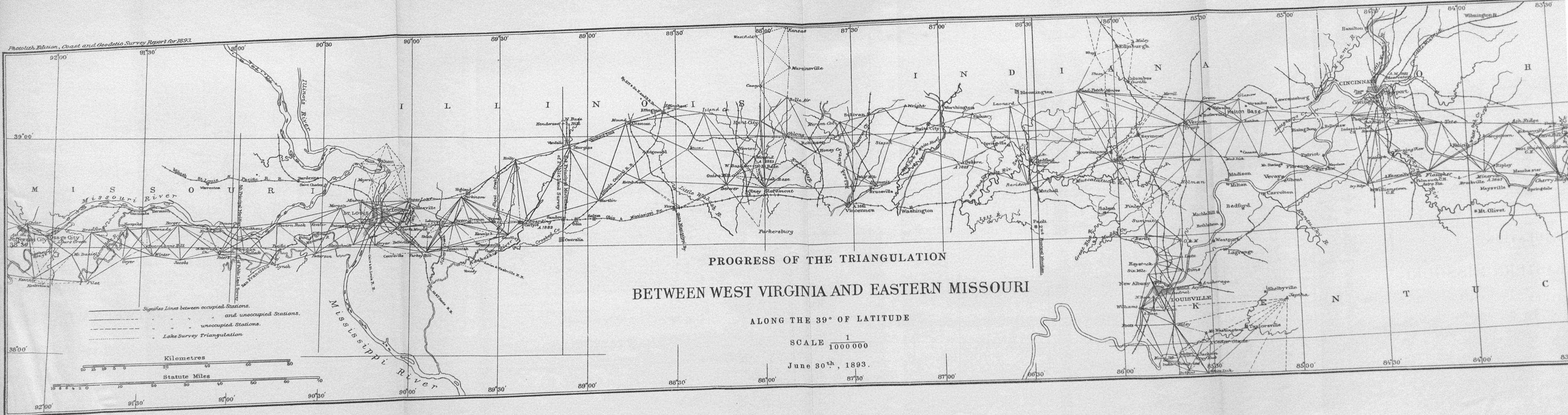
Scale 1:660,000

June 30, 1893



Note
 — Sides of Triangles of the first order
 — " " " second order
 — " " " third order
 A. signifies Astronomical Station
 M. " Magnetic "



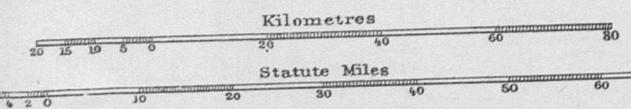


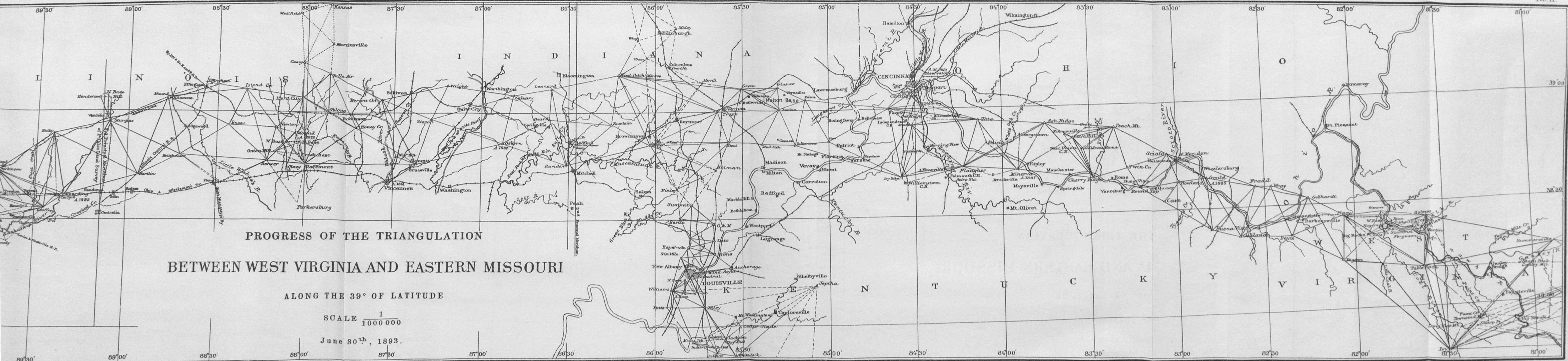
PROGRESS OF THE TRIANGULATION
BETWEEN WEST VIRGINIA AND EASTERN MISSOURI
ALONG THE 39° OF LATITUDE

SCALE $\frac{1}{1000000}$

June 30th, 1893.

Signifies Lines between occupied Stations.
and unoccupied Stations.
unoccupied Stations.
Lake Survey Triangulation



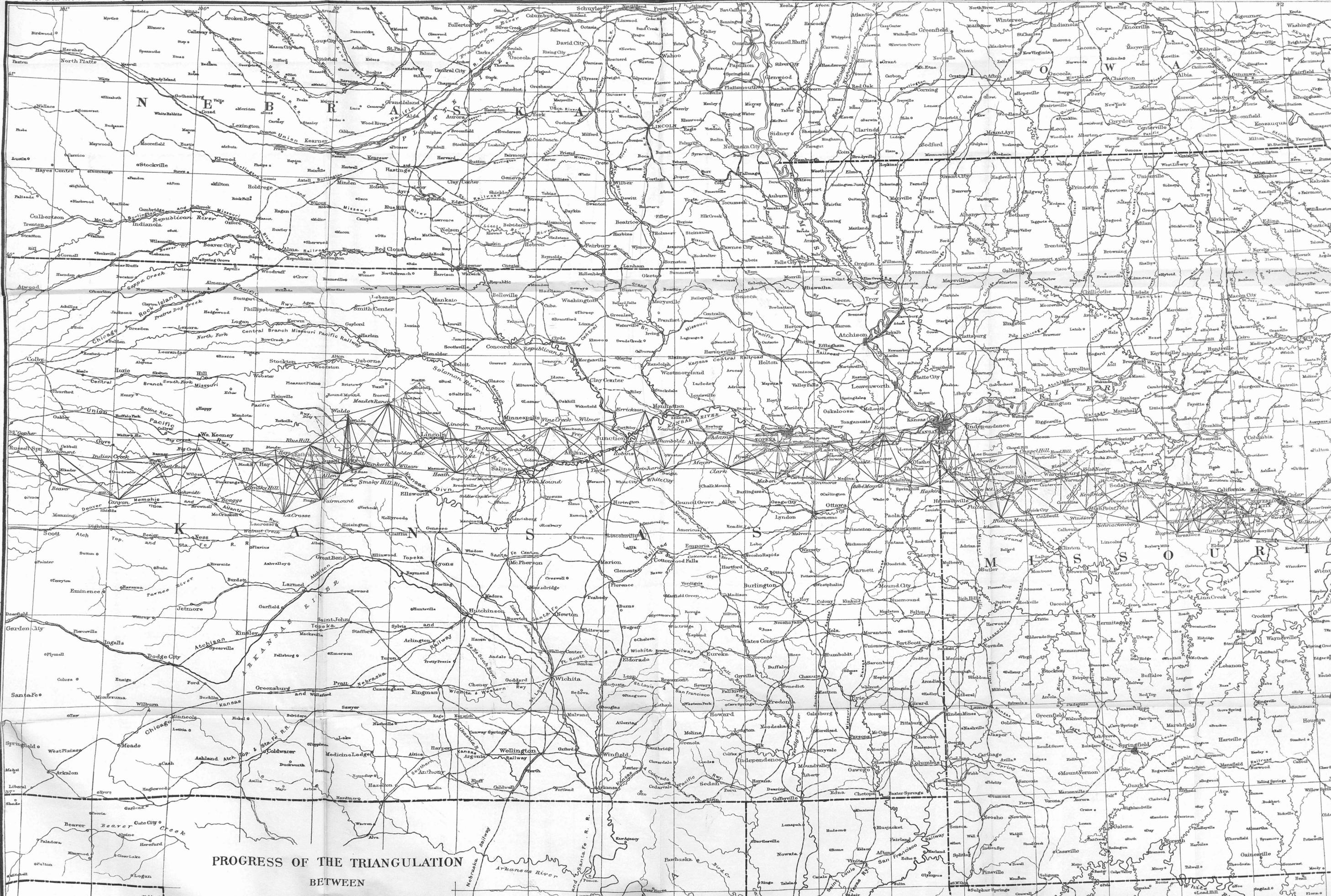


PROGRESS OF THE TRIANGULATION
BETWEEN WEST VIRGINIA AND EASTERN MISSOURI

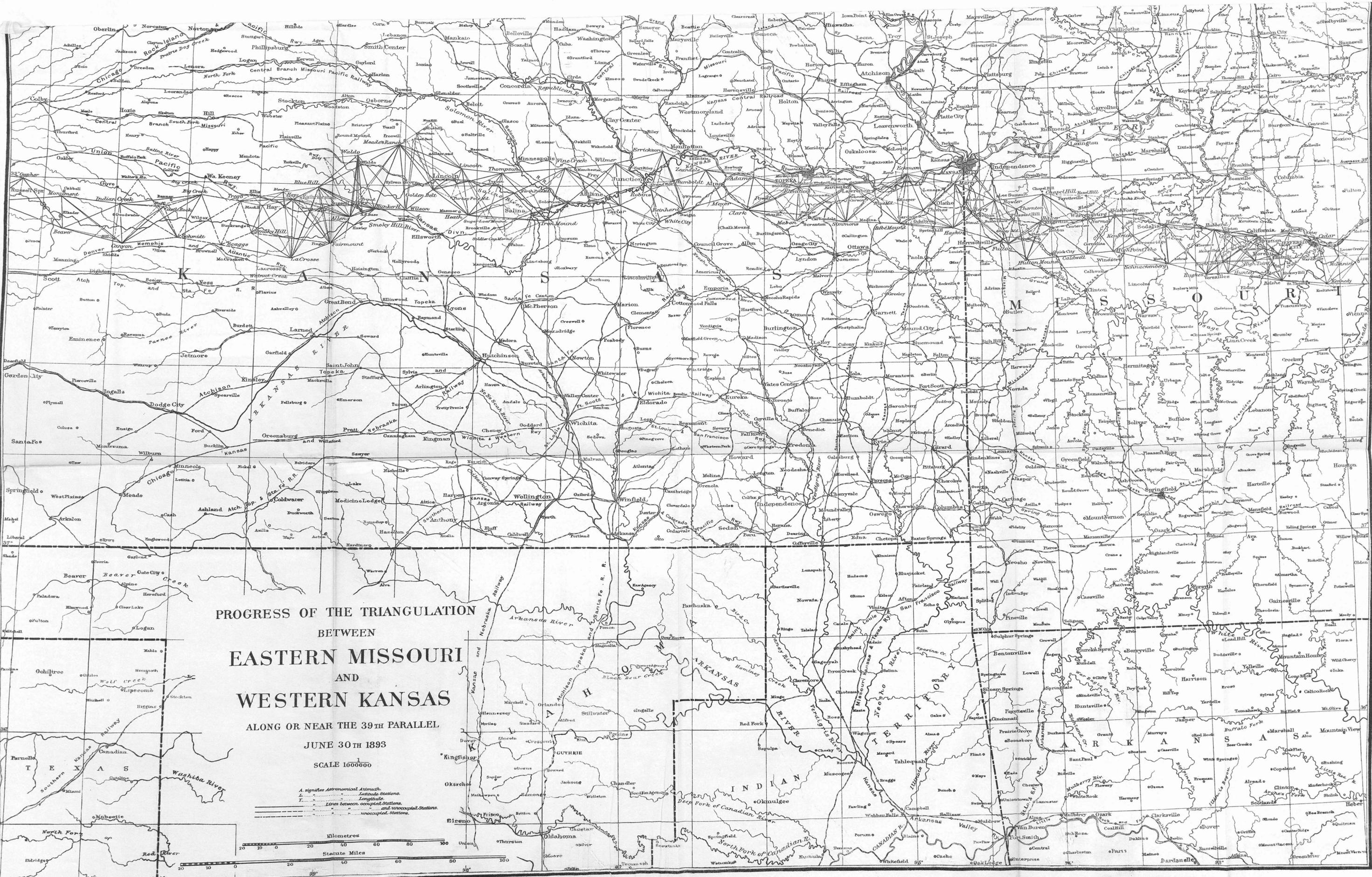
ALONG THE 39° OF LATITUDE

SCALE $\frac{1}{1000000}$

June 30th, 1893.

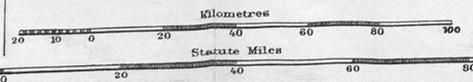


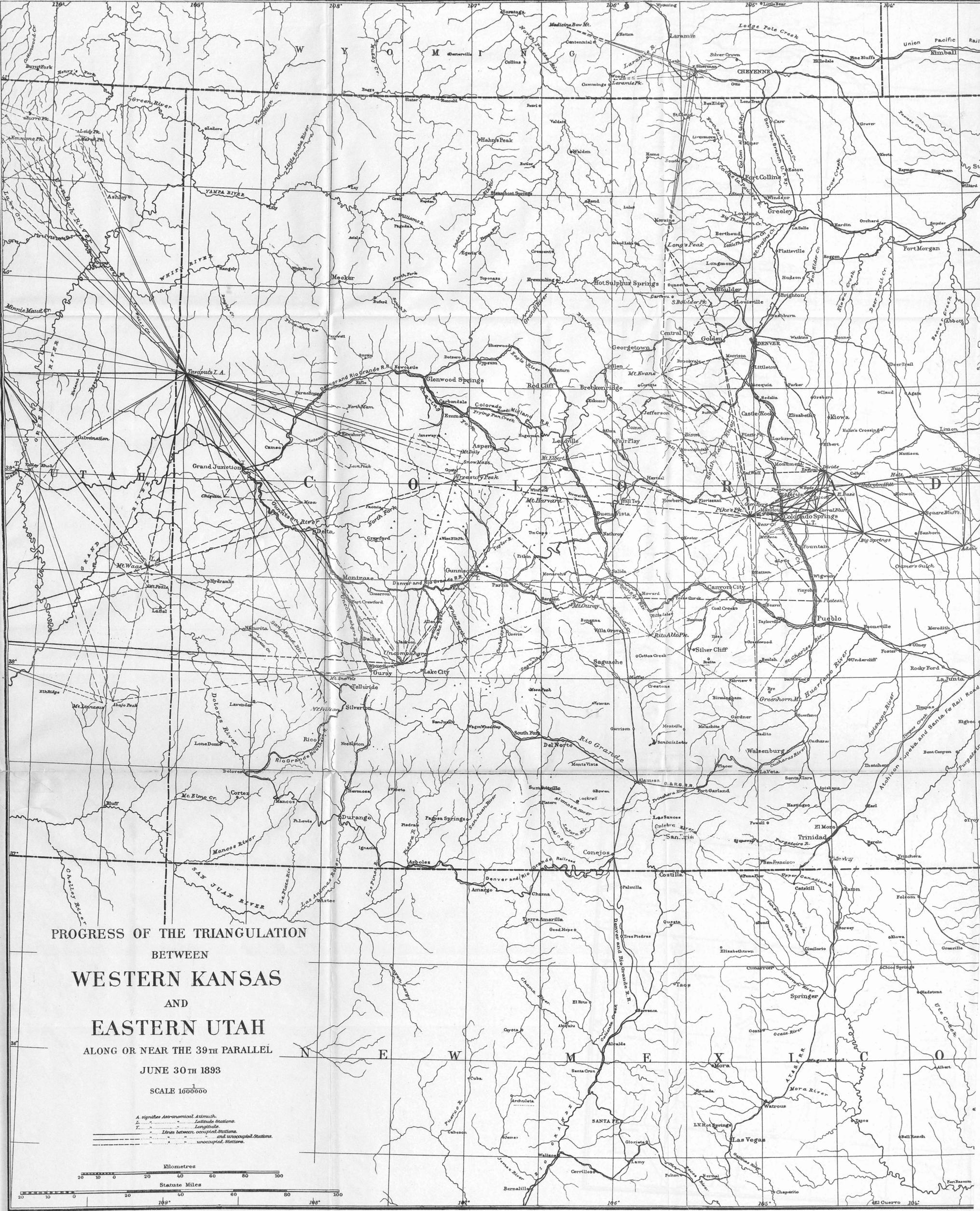
PROGRESS OF THE TRIANGULATION
 BETWEEN
 EASTERN MISSOURI



PROGRESS OF THE TRIANGULATION
BETWEEN
EASTERN MISSOURI
AND
WESTERN KANSAS
ALONG OR NEAR THE 39TH PARALLEL
JUNE 30TH 1893
SCALE 100000

A. signifies Astronomical Observations.
L. signifies Latitude Stations.
T. signifies Longitude Stations.
— signifies Lines between occupied Stations.
--- signifies Lines between unoccupied Stations.



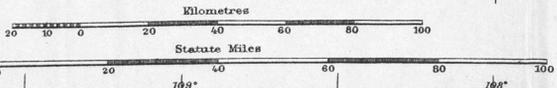


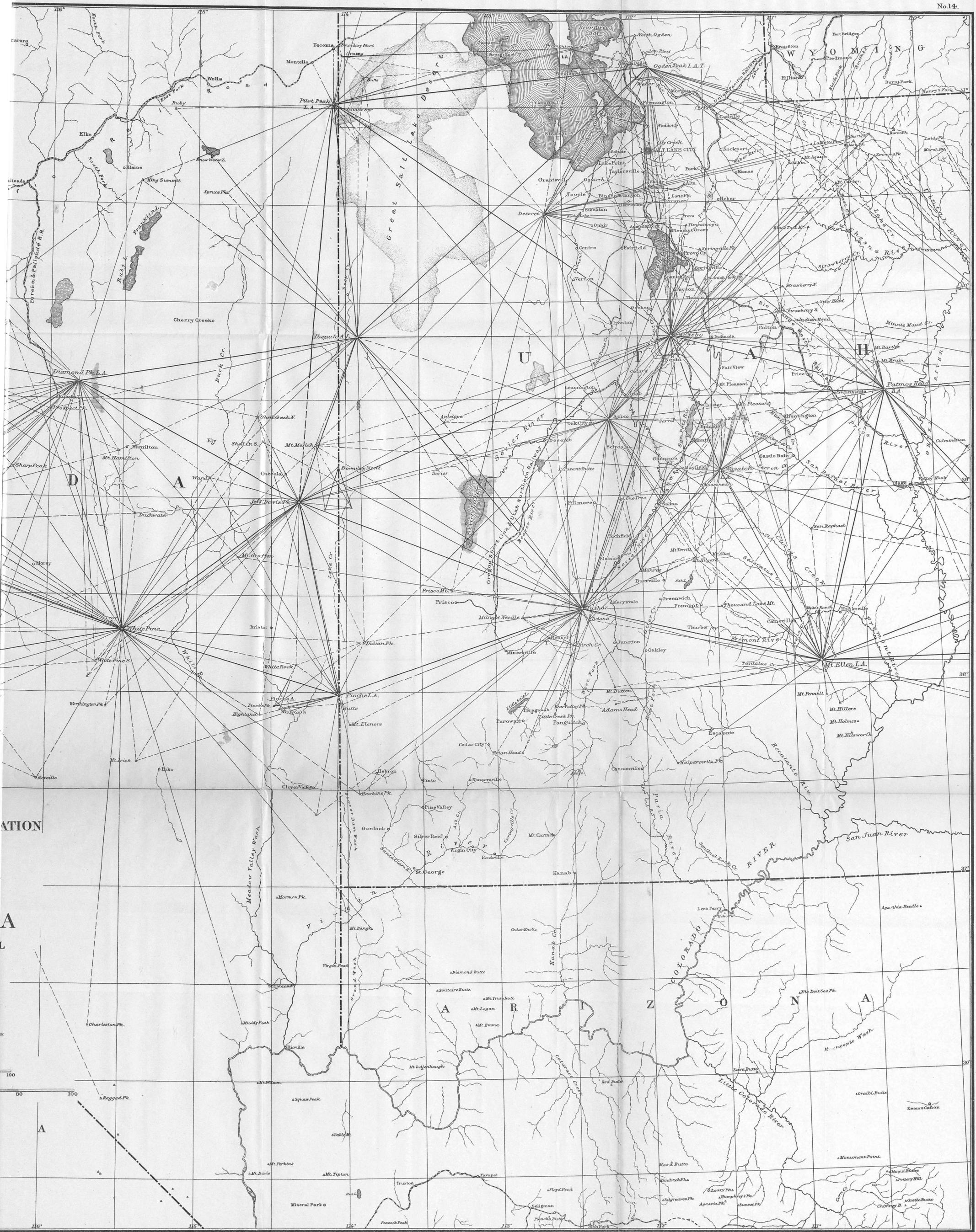
PROGRESS OF THE TRIANGULATION
 BETWEEN
 WESTERN KANSAS
 AND
 EASTERN UTAH
 ALONG OR NEAR THE 39TH PARALLEL

JUNE 30TH 1893

SCALE 1000000

A signifies Astronomical Azimuth.
 L Latitude Stations.
 T Longitude.
 ——— Lines between occupied Stations.
 - - - - - unoccupied Stations.





ATION

A
L

100
80
100

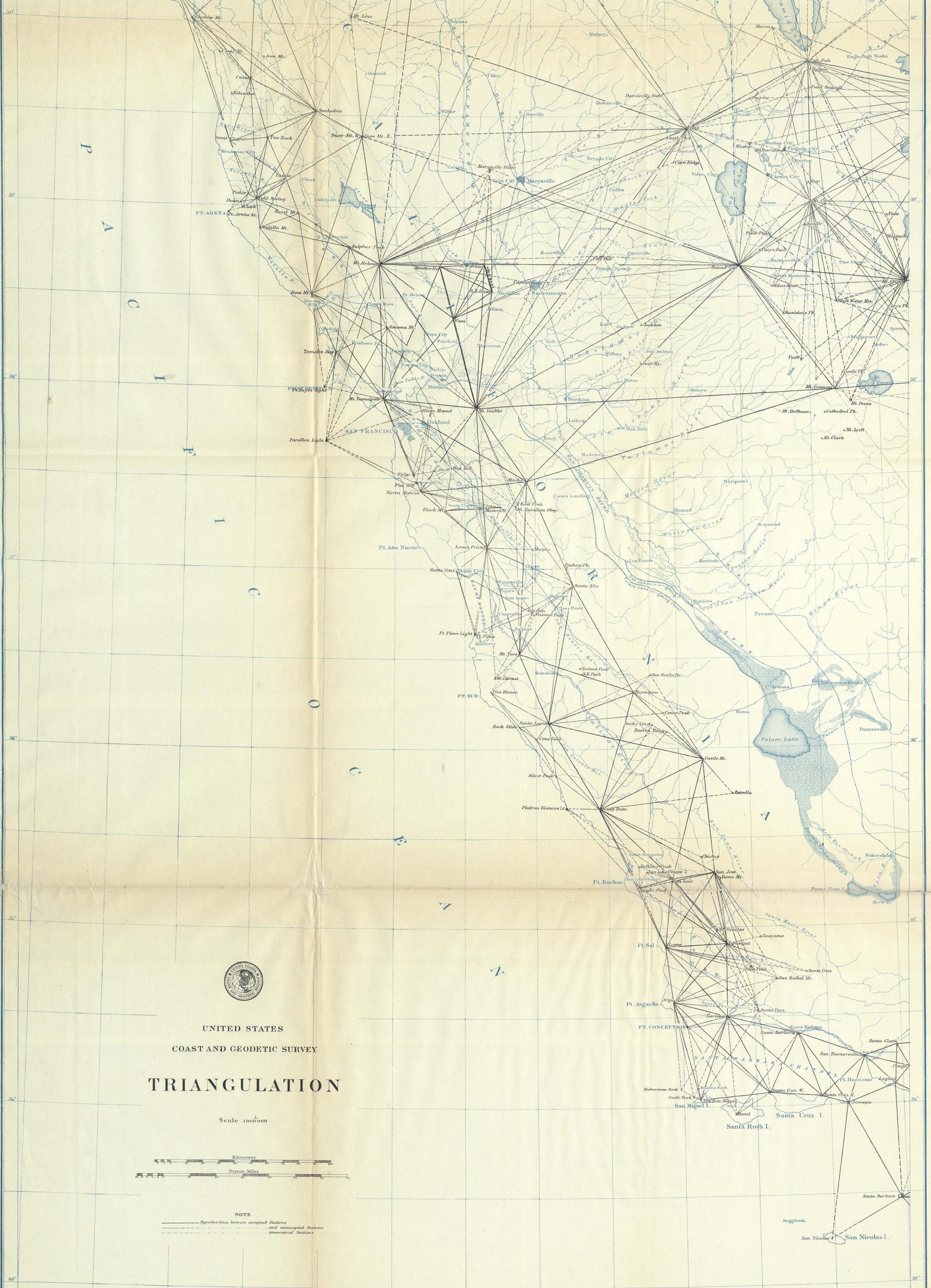
A

116° 115° 114° 113° 112° 111°

116° 115° 114° 113° 112° 111°



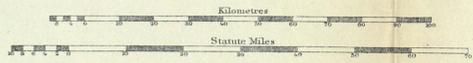
UNITED STATES
COAST AND GEODETIC SURVEY
TRIANGULATION



UNITED STATES
COAST AND GEODETIC SURVEY

TRIANGULATION

Scale 1000000



NOTE

————— Signifies lines between occupied Stations
 - - - - - and unoccupied Stations
 - - - - - unoccupied Stations



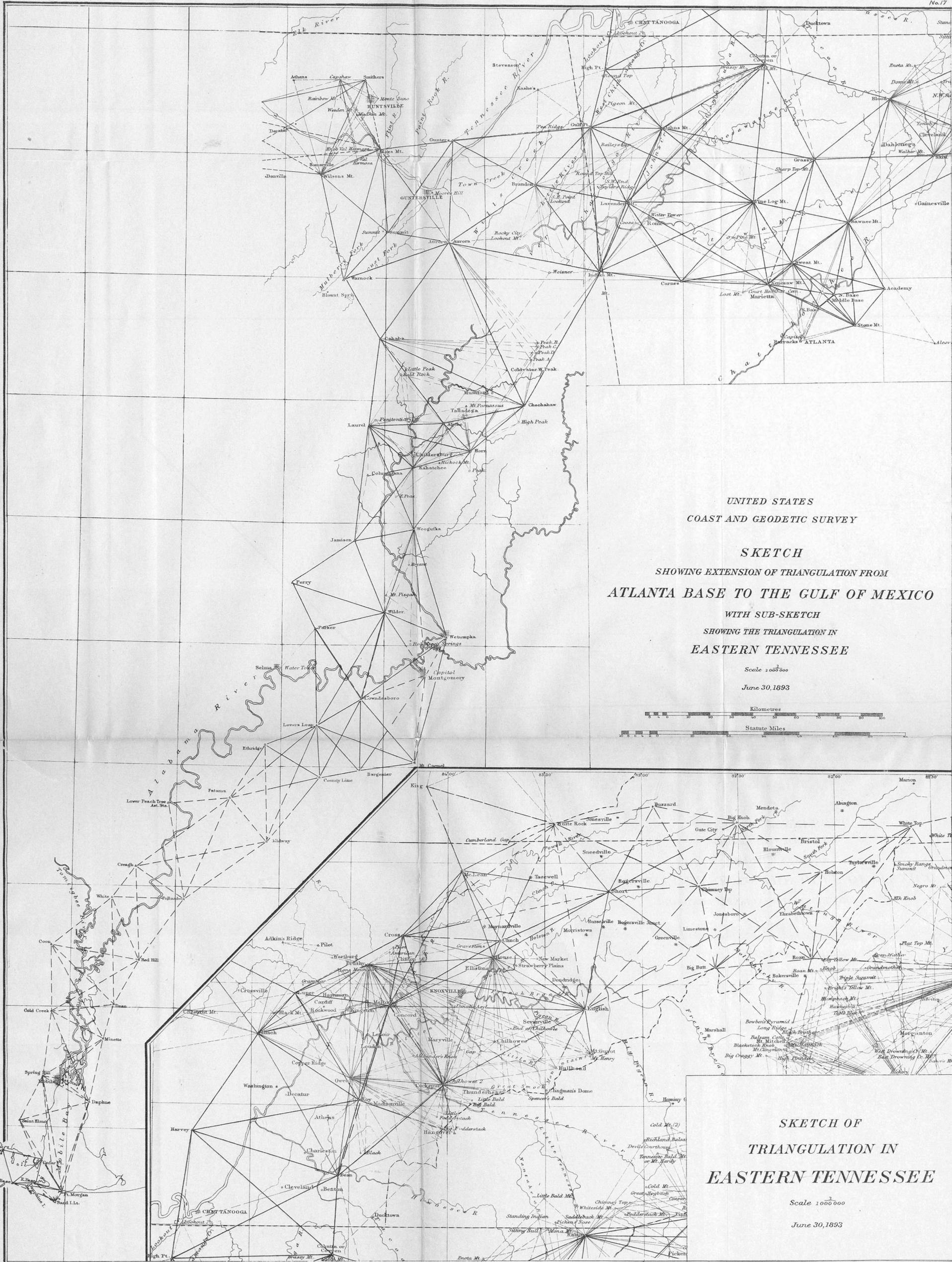
UNITED STATES
COAST AND GEODETIC SURVEY

Sketch
SHOWING THE PROGRESS OF THE SURVEY
IN
SECTION No. XI
(Upper Sheet)
FROM TILLAMOOK BAY TO THE BOUNDARY

Scale 60000
June 30 1893

- NOTES
- A. Signifies Astronomical Station
 - M. do. Magnetic do.
 - T. do. Tidal do.
 - X. do. Ocean do.
 - do. do. Lines between Primary occupied Stations do. do. do. and unoccupied Stations
 - do. do. do. Secondary occupied Stations do. do. do. and unoccupied Stations
 - do. do. do. Tertiary occupied Stations do. do. do. and unoccupied Stations
 - do. do. do. Lines of Topographic Sheets
 - do. do. do. Hydrographic Sheets
 - Vertical figures designate the number of Topographic Sheets included do. do. do. Hydrographic Sheets
 - The dotted shore line is unsurveyed

Statute Miles
Kilometres
Note. One kilometre or 1000 metres = 3280.83 ft. = $\frac{5}{8}$ of a statute mile nearly. One statute mile = 1609.35 metres

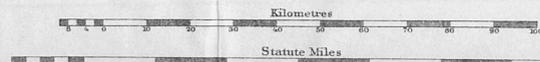


UNITED STATES
COAST AND GEODETIC SURVEY

SKETCH
SHOWING EXTENSION OF TRIANGULATION FROM
ATLANTA BASE TO THE GULF OF MEXICO
WITH SUB-SKETCH
SHOWING THE TRIANGULATION IN
EASTERN TENNESSEE

Scale 1:100,000

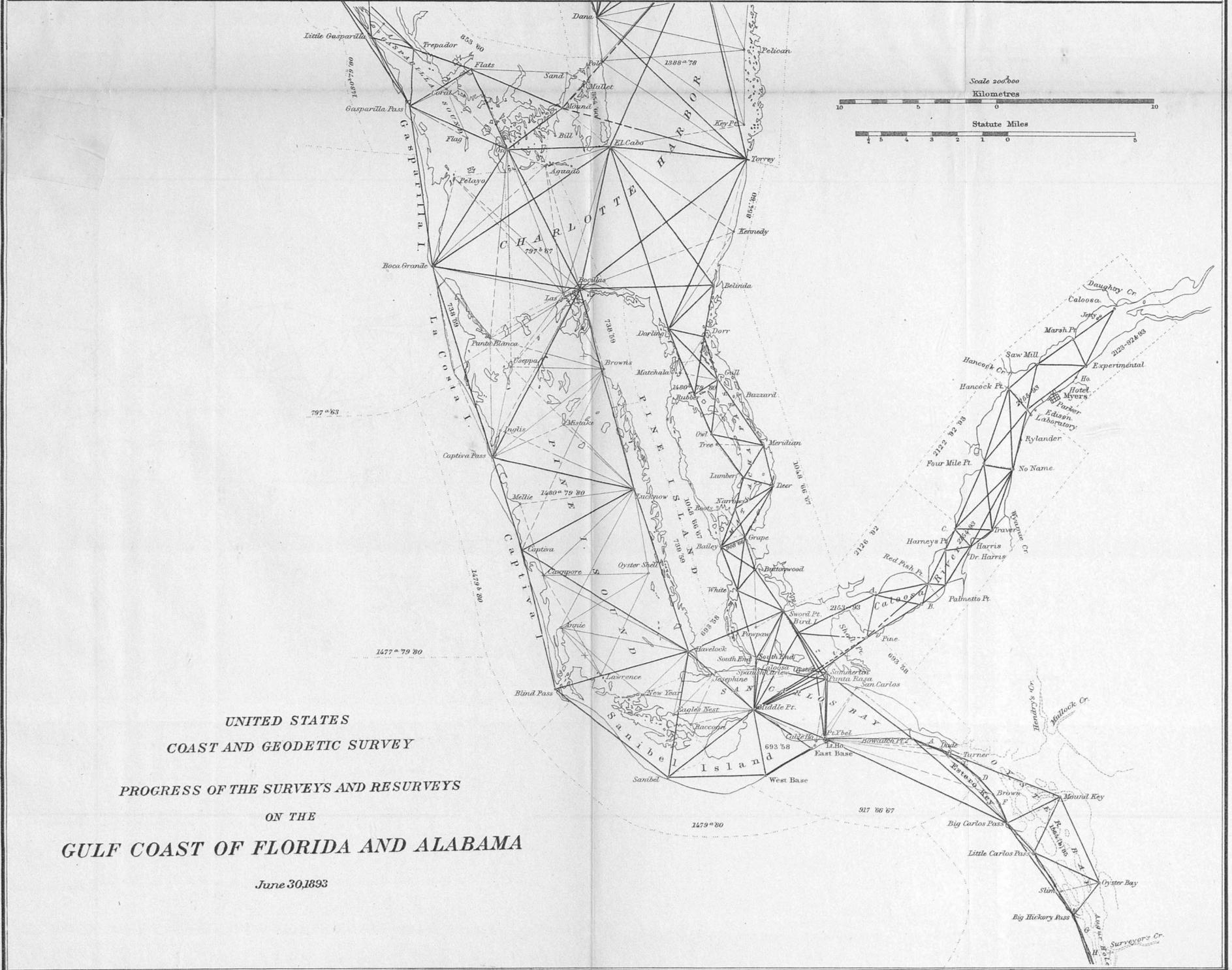
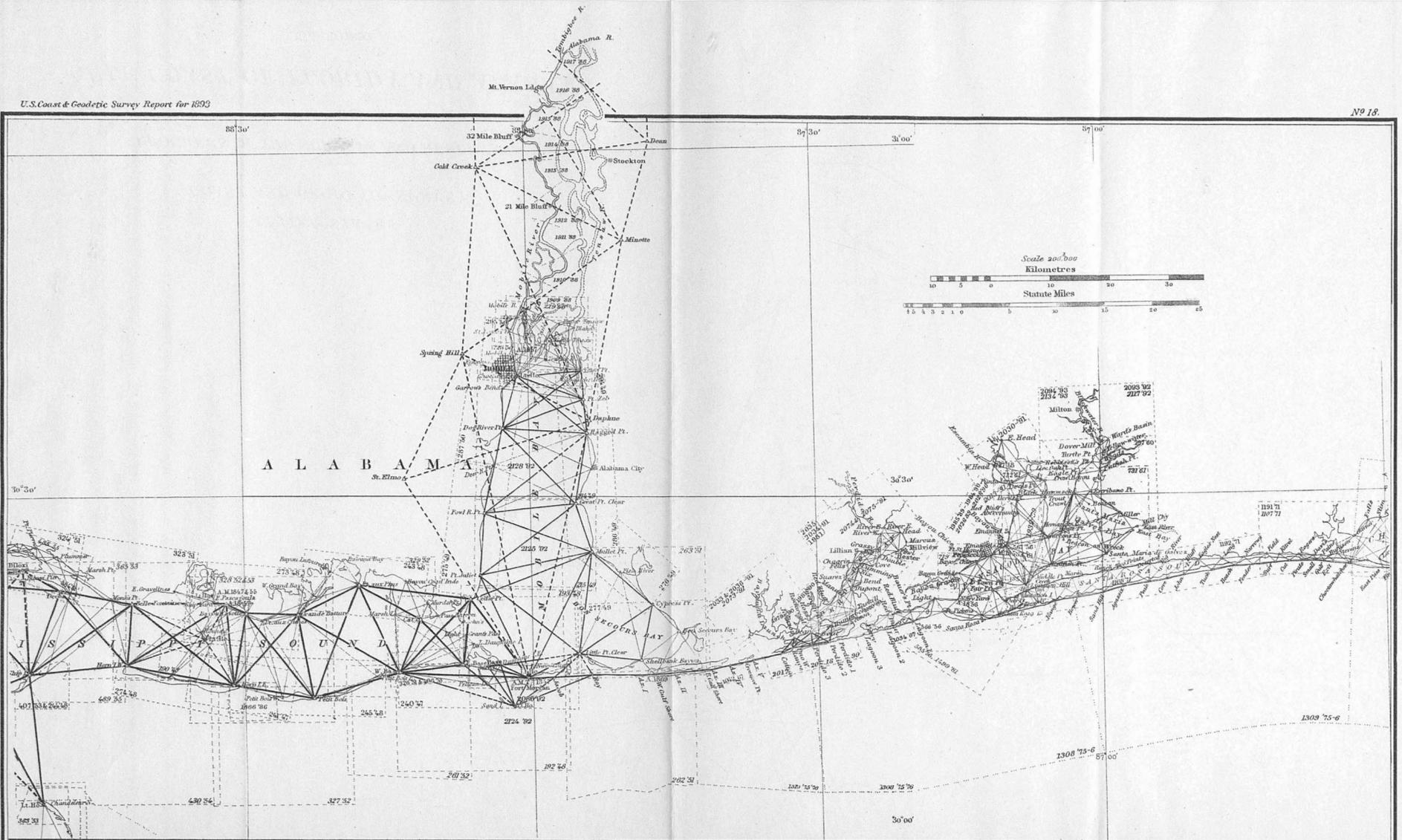
June 30, 1893



SKETCH OF
TRIANGULATION IN
EASTERN TENNESSEE

Scale 1:100,000

June 30, 1893



UNITED STATES
COAST AND GEODETIC SURVEY

PROGRESS OF THE SURVEYS AND RESURVEYS

ON THE

GULF COAST OF FLORIDA AND ALABAMA

June 30, 1893

TRIANGULATION IN WISCONSIN AND MINNESOTA

Scale $\frac{1}{1000000}$

June 30th 1893.

The Lake Survey Triangulation is shown by dotted lines.

