Voluntary observers of the Signal Service, on land, from whom meteorological reports were received in time to be used in the preparation of the Monthly Weather Review for January, 1883.

Observer.	*Place of observation.*
Alden, L. P.	Coldwater, Mich.
Armstrong, Rev. G. C.	Fayette, Miss.
Arden, Thos. B.	Garrison, N. Y.
Adriance, Chas. E	Hector, N. Y.
Altaffer, J. M	Independence, Kans.
Anderson, Dr. W. W.	Stateburg, S. C.
Abbott, Dr. E. K.	Salinas City, Cal.
Allen, Jos. H.	Ore Knob, N. C.
Alden, Thos. E.	Rising Sun, Ind.
Allen, Capt. Wm. P.	Addison Point, Me.
Andrews, Luman	Southington, Conn.
Beloit College	Beloit, Wis.
Bear, John P.	Boston, Mass.
Bryant, A. F.	Clear Creek, Nebr.
Blanchard, O. A.	Elmira, Ill.
Bell, Joseph	Franklin, Pa.
Bowen, F. W.	Humboldt, Iowa.
Brainerd, H. G	Independence, Iowa.
Baker, Dr. Henry B.	Lansing, Mich.
Beall, Dr. R. L	Lenoir, N. C.
Bullard, Ransom	Litchfield, Mich.
Beal, William	Murphy, N. C.
Beans, Thos. J	Moorestown, N. J.
Brendel, Fred	Peoria, Ill.
Bentley, David	Princeton, Cal.
Bowman, Peter	Ruggles, Ohio.
Boerner, Prof. Chas. G.	Vevay, Ind.
Bartlett, E. B.	Vermillion, N. Y.
Breed, J. E.	Embarrass, Wis.
Baldwin, A. L.	Bethel, Conn.
Butler, Amos W	Brookville Ind.
Blake, W. McK.	Evansville, Ind.
Bardsley, Jas. G	Nephi, Utah.
Crane, Geo. W.	Bethel, Ohio.
Calhoun, P. B	Austin, Tenn.
Curtiss, G. G	Fallston, Md.
Cutler, B. B.	Heath, Mass.
Cocke, A. R	Indianola, Iowa.
Cutting, Hiram A.	Lunenburgh, Vt.
Crosier, Adam	Laconia, Ind.
Cheney, Wm.	Minneapolis, Minn.
Clayton, H. H.	Murfreesborough, Tenn.
Chappellsmith, John	New Harmony, Ind.
Chapin, Adams	Poway, Cal.
Chandler, Dr. W. J.	South Orange, N. J.
Caulkins, John S.	Thornville, Mich.
Clark, T. A.	Weldon, N. C.
Cutler, J. L.	Quitman, Ga.
Crump, M. H	Bowling Green, Ky.
Chandler, Chas. H	Ripon, Wis.
Cotton, Dr. D. B	Portsmouth, Ohio.
Couch, E. D.	Contoocookville, N. H.
Colt, H. H	Nora Springs, Iowa.
Downs, Ed. C	Alexandria, Dak.
Dazey, J. B.	Charleston, Ill.
Day, Theodore	Dyberry, Pa.
Dewhurst, Rev. E.	Dexter, Me.
Dickinson, Jas. R.	Guttenberg, Iowa.
Drake, W. T.	Marshall, Mich.
Davis, Jacob	Rowe, Mass.
Doton, Hosea	Woodstock, Vt.
Deming, Hiram D.	Wellsborough, Pa.
Dep't of civil engineering, Cornell University	Ithaca, N. Y.
Dixon, Geo.	Hampton, Va.
Day, S. A.	Ossawatomie, Kans.
Dozier, Wm	Mattoon, Ill.
Dodge, H. F.	Clinton, Mo.
Elliott, J. C.	Swanwick, Ill.
Eisenberg, John C.	Warrenton, Mo.
Failyer, Prof. G. H.	Manhattan, Kans.
Fair, J. E.	Harrisville, Mich.
Fernald, Prof. M. C.	Orono, Me.
Farquhar, Allan	Sandy Springs, Md.
Gillingham, Warrington	Accotink, Va.
Grathwohl, John	Blooming Grove, Pa.
Gillingham, Milnor	Fallsington, Pa.
Gardiner, R. H	Gardiner, Me.
Gowey, H. D.	North Lewisburg, Ohio.
Gibson, John H.	Salina, Kans.
Green, Dr. Jesse C.	West Chester, Pa.
Gray, F. R.	Yates Centre, Kans.
Goddard, John F.	Greensburg, Ind.
Geddings, Dr. W. H.	Aiken, S. C.
Gerrish, S. H.	Sacramento, Cal.
Hurlin, Rev. Wm	Antrim, N. H.
Harvard College Observatory	Cambridge, Mass.
Hammitt, John W	College Hill, Ohio.
Heaton, Isaac E.	Fremont, Nebr.
Helm, Thos. B.	Logansport, Ind.
Hilton, John B	Paterson, N. J.
Hoskinson, R. M	Bainbridge Island, Wash.
Hunter, T. C.	Wabash, Ind.
Haywood, John	Westerville, Ohio.
Hall, J. B	Worcester, Mass.
Harper, G. N.	Cincinnati, Ohio.
Hyde, G. A.	Cleveland, Ohio.
Hagensick, C. W	Lincoln, Nebr.
Hassler, B. K.	Chambersburg, Pa.
Ingram, Dr. J.	Vineland, N. J.
Iowa Agricultural College	Ames, Iowa.
James, John W	Marengo, Ills.
Josephs, W. B.	New Market, N. H.
Johnson, Thos. N.	Canal Dover, Ohio.
Jones, Ira B.	Neillsville, Wis.
Jackman, J. W.	Utica, Neb.
Knight, G. W.	Inavale, Neb.
Kellogg, J. H.	Battle Creek, Mich.
Keese, G. Pomeroy	Cooperstown, N. Y.
Kuhn, F. W.	Fort Wayne, Ind.
Kimball, Perley R	Grafton, N. H.
Keeler, W. F	Mayport, Fla.
Kent, Joseph C	Phillipsburg, N. J.
Lueps, Miss Emma	Manitowoc, Wis.
Lefavour, Henry	Williamstown, Mass.
Loud, Prof. F. H.	Colorado Springs, Colo.
Lincoln, A. T.	Marion, Va.
McDonogh Institute	McDonogh, Md.
Mell, Prof. P. H., jr.	Auburn, Ala
Martin, Horace	Corning, Mo.
Marshall, Gregory	Cresco, Iowa.
McCready, Miss L. A.	Fort Madison, Iowa.
Meehan, Thos	Germantown, Pa.
Moore, C. R.	Johnsontown, Va.
Munn, A.	Kalamazoo, Mich.
Maxwell, S. A.	Morrison, Ills.
Moulton, M. M	Monticello, Iowa.
Metcalf, Dr. John G.	Mendon, Mass.
Micklem, J. Howard	Variety Mills, Va.
Morris, Rev. John	Morriston, Dak.
Mt. St. Mary's College	Emmittsburg, Md.
Moore, Nathan	Grampian Hills, Pa.
Newbegin, John D.	Anna, Ills.
Nelson, Dr. Wm. H.	Northport, Mich.
Nicholson, Mrs. M. M.	Otisville, Mich.
Neill, Thos	Sandusky, Ohio.
Newcomb, G. S.	Westborough, Mass.
Nourse, H. D.	Washington, D. C.
Noll, A. B.	Somerville, N. J.
Nutz, Leonard	Fort Riley, Kans.
Osmond, Prof. I. Thornton	State College, Pa.
Pearce, Thomas	Eola, Oreg.
Parmelee, Francis D.	Hillsdale, Mich.
Payne, Prof. W. W.	Northfield, Minn.
Patrick, J. M.	North Volney, N. Y.
Parmelee, J. B	Nebraska City, Nebr.
Phillips, W. R.	Evansville, Wis.
Purdue University	La Fayette, Ind.
Pierson, Rev. J.	Ionia, Mich.
Penhallow, D. P	Mountainville, N. Y.
Quarterman, Fred	Flushing, N. Y.
Robertson, P. D.	Bedford, Mo.
Roberts, Lewis H.	Clinton, Iowa.
Richardson, Chas. F.	Freehold, N. J.
Remington, C. V. S.	Fall River, Mass.
Rose, O. E.	Highlands, N. C.
Rogers, Jesse D	Friendship, N. Y.
Reeves, Dr. Jas. S.	East Tawas, Mich.
Reinsch, August	Lawrence, Kans.
Rodman, Thos. R.	New Bedford, Mass.
Runge, C.	New Ulm, Tex.
Robertson, T. D.	Rockford, Ills.
Russell, Geo. W	Wellsburg, W. Va.
Raffensperger, Dr. E. H.	Marion, Ohio.
Ross, W. J.	Pretty Prairie, Kans.
Rusk, Col. Sam'l E	Bordentown, N. J.
Sadler, H. E., B. A.	Emporia, Kans.
State Agricultural College	Fort Collins, Colo.
Smith, John B	Monticello, Ind.
Saxby, J. J.	San Buenaventura, Cal.
Shriver, E. T.	Cumberland, Md.
Seltz, Chas	De Soto, Nebr.
Scott, Thos. G.	Forsyth, Ga.
Stienecker, H. E.	Franklin, Wis.
Stucky, Dr. C. T.	Helvetia, W. Va.
Stern, Jacob T.	Logan, Iowa.
Snow, Prof. F. H	Lawrence, Kans.
Smith, F. S.	New Brunswick, N. J.
Sewell, T. M	New Athens, Ohio.
Spilman, J. J.	Pierce City, Mo.
Slade, Elisa	Somerset, Mass.
Slenker, Mrs. E. D.	Snowville, Va.
Scribner, H. F. J.	Strafford, Vt.
Shriver, Howard	Wytheville, Va.
Shahan, Chas. C	Edgington, Ills.
Sweeney, A. B	Polo, Ills.
Sweet, Fred	Hastings, Mich.
Smith, H. D.	Monticello, Iowa.
Tutwiler, H., L.L.D.	Green Springs, Ala.
Todd, David P.	Amherst, Mass.
Teele, Rev. A. R.	Milton, Mass.
Truman, Geo. S	Genoa, Nebr.
Turnbo, Silas C.	Protem, Mo.
Tillinghast, C. B.	Albany, N. Y.
Turner, Ernest	Point Pleasant, La.
Vermillion, W. W.	Curryville, Mo.
Venable, Prof. F. P.	Chapel Hill, N. C.
Voegeli, Adolphus	Des Moines, Iowa.
Van Inwegen, Chas. F.	Port Jervis, N. Y.
Williams, Rev. C. Foster	Ashwood, Tenn.
Wing, Miss M. E	Charlotte, Vt.
West, Silas	Cornish, Me.
Wigg, Dr. Geo	Clay Centre, Kans.
Whitney, C. E.	Creswell, Kans.
Watson, Evan	Fort Scott, Kans.
Went, E. C	Frankfort, Ky.
Watters, Dr. Jas.	Holton, Kans.
Williamson, J. A.	Johnstown, N. Y.
Wylie, Wm	Mount Forest, Canada.
Whittington, Granville	Mount Ida, Ark.
Walton, J. P	Muscatine, Iowa.
West, Theo	New Brunswick, N. J.
Wait, S. E.	Traverse City, Mich.
Woodstock College	Woodstock, Md.
Wolfe, John H	Wellington, Kans.
Washburn College	Topeka, Kans.
Washington Aqueduct	Receiving Reservoir, D. C. Distributing Reservoir, D. C. Great Falls Reservoir, Md. Rock Creek Bridge, D. C.
Wilson, W. E.	Cedar Rapids, Iowa.
West, Dr. Jos. O.	Princeton, Mass.
Winipiseogee Lake, Cotton and Woolen Manufacturing Co	Weir's Bridge, N. H. Woodstock, N. H. Wolfborough, N. H. Lake Village, N. H. Bristol, N. H. Belmont, N. H. Ashland, N. H.
Wild, Rev. E. P.	Newport, Vt.
Wadsworth, Dr. J. L. R.	Collinsville, Ill.
Willis, O. R., A. M., Ph. D	White Plains, N. Y.
Yetter, Wm. G	Catawissa, Pa.
Yates, T. P.	Factoryville, N. Y.
Young, Geo. R	Penn Yan, N. Y.
Zimmerman, F. C	Bunker Hill, Ills.
Zimmermann, Irving R.	Wicklow, Dak.

Military posts from which meteorological reports were received, through the Surgeon General of the Army, in time to be used in the preparation of the Monthly Weather Review for January, 1883.

Abraham Lincoln, Fort, Dak.
Adams, Fort, R. I.
Alcatraz Island, Cal.
Angel Island, Cal.
Apache, Fort, Ariz.
Assiniboine, Fort, Mont.
Barrancas, Fort, Fla.
Benicia Barracks, Cal.
Brady, Fort, Mich.
Bowie, Fort, Ariz.
Bidwell, Fort, Cal.
Buford, Fort, Dak.
Bridger, Fort, Wyo.
Canby, Fort, Wash.
Columbus, Fort, N. Y.
Concho, Fort, Texas.
Ellis, Fort, Mont.
Garland, Fort, Colo.
Gaston, Fort, Cal.
Hale, Fort, Dak.
Hamilton, Fort, N. Y.
Jefferson Barracks, Mo.
Klamath, Fort, Oreg.
Leavenworth, Fort, Kans.
Lowell Fort, Ariz.
Lyon, Fort, Colo.
Lewis, Fort, Colo.
Mason, Fort, Cal.
Madison Barracks, N. Y.
McDermitt, Fort, Nev.
McHenry, Fort, Md.
Monroe, Fort, Va.
Meade, Fort, Dak.
Mount Vernon B'ks, Ala.
Maginnis, Fort, Mont.
Niagara, Fort, N. Y.
Niobrara, Fort, Nebr.
Plattsburgh Barracks, N. Y.
Pembina, Fort, Dak.
Preble, Fort, Me.
Presidio of San Francisco, Cal.
Randall, Fort, Dak.
Reno, Fort, Ind. T.
Snelling, Fort, Minn.
Stevenson, Fort, Dak.
Shaw, Fort, Mont.
Stevens, Fort, Oreg.
Saint Augustine, Fla.
Sully, Fort, Dak.
Sisseton, Fort, Dak.
Townsend, Fort, Wash.
Totten, Fort, Dak.
Union, Fort, N. Mex.
Warren, Fort, Mass.
Wingate, Fort, N. Mex.
Yates, Fort, Dak.

State weather services from which meteorological reports were received in time to be used in the preparation of the Monthly Weather Review for January, 1883.

Missouri State Weather Service, under direction of Professor Francis E. Nipher, Saint Louis, Mo. (Names of co-operating observers not given.)
Indiana State Weather Service, under direction of Mr. J. B. Conner, Indianapolis, Ind. (Names of co-operating observers not given.)
have been used from records of the Central Pacific and Southern Pacific railways.