

STATE OF NEW YORK

1211--A

Cal. No. 748

2025-2026 Regular Sessions

IN SENATE

January 8, 2025

Introduced by Sens. MAY, COMRIE, HARCKHAM, JACKSON, WEBB -- read twice and ordered printed, and when printed to be committed to the Committee on Environmental Conservation -- reported favorably from said committee and committed to the Committee on Finance -- reported favorably from said committee, ordered to first and second report, ordered to a third reading, passed by Senate and delivered to the Assembly, recalled, vote reconsidered, restored to third reading, amended and ordered reprinted, retaining its place in the order of third reading

AN ACT in relation to enacting the "New York open water data act"

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

1 Section 1. Short title. This act shall be known and may be cited as
2 the "New York open water data act".
3 § 2. Definitions. For purposes of this act, the following terms shall
4 have the following meanings:
5 1. "Conveners" means the:
6 (a) New York water resources institute at Cornell University; and
7 (b) New York sea grant at Stony Brook University.
8 2. "Agencies" means the:
9 (a) New York state department of environmental conservation;
10 (b) New York state department of health's bureau of water supply
11 protection;
12 (c) New York state department of agriculture and markets;
13 (d) New York state canal corporation;
14 (e) New York city department of environmental protection; and
15 (f) public service commission.
16 3. "Water data" means:
17 (a) Measurements of basic properties relating to the planning and
18 management of water resources, including streamflow, precipitation,
19 ground water, water quality and water use in agriculture, industry and
20 municipal uses and natural systems;

EXPLANATION--Matter in italics (underscored) is new; matter in brackets
[-] is old law to be omitted.

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1 (b) All such data related to fresh or inland waters of the state,
2 including but not limited to wetlands, lakes, streams, creeks, rivers,
3 reservoirs, aquifers, and groundwater;

4 (c) All data related to state and municipal water infrastructure,
5 including but not limited to canals, aqueducts, dams, and pipes;

6 (d) Data that may include areas of mixing of fresh and marine waters,
7 including but not limited to tidal basins and estuaries; and

8 (e) At the discretion of the conveners, the term "water data" may
9 include data related to coastal waters used for human activities includ-
10 ing, but not limited to agriculture, recreation, and industry.

11 § 3. Water data conveners and agencies; duties; standards and best
12 practices; annual plan. 1. By January 1 in the year after this act shall
13 have become a law, and at least quarterly thereafter, the conveners
14 shall organize and hold a meeting with the agencies to plan and deter-
15 mine a framework to meet the requirements set forth in this section. The
16 conveners shall provide any expertise and support necessary to assist
17 the agencies in meeting the requirements of this section and the frame-
18 work established by the agencies.

19 2. By January 1 two years after this act shall have become a law, the
20 agencies and the conveners shall:

21 (a) identify key water data, information and tools needed to support
22 water management and planning, including but not limited to;

23 (i) state and local government data on streamflow, precipitation,
24 reservoir and irrigation system operations, ground water use and levels,
25 municipal and industrial water use and land uses, but not including data
26 from residential wells;

27 (ii) data on water rights, water diversions and water quality;

28 (iii) data on fish, aquatic and riparian systems and ecological data;

29 (iv) water quality data, including sampling results generated by
30 public water supplies in accordance with title 1 of article 11 of the
31 public health law;

32 (v) data from private wells collected by local or state agencies;

33 (vi) commercial uses of water licensed by state agencies;

34 (vii) water affordability data, including but not limited to water
35 rates, shut-offs conducted, and aggregate data on arrears; and

36 (viii) water infrastructure data.

37 (b) develop common water data standards for data collection and
38 dissemination, including practices to standardize and clean up data and
39 make it available to the public in commonly used data formats, which
40 shall, where appropriate, be arranged or identified by county and muni-
41 cipality or other appropriate geographic area, and that shall exclude
42 specific addresses, locations, and other personal information;

43 (c) make such water data available to the public through the state's
44 open data program OpenNY, including working to identify and develop any
45 critical data that can be made accessible via geographic information
46 systems (GIS) mapping and ensuring that all datasets have an application
47 programming interface (API) endpoint to allow researchers and developers
48 to access and deploy such data in ways that further public use of such
49 data;

50 (d) identify available and unavailable water data; and

51 (e) develop pathways to include water data derived from citizen
52 science efforts.

53 3. Water data research undertaken with state funding shall comply with
54 the common water data standards and best practices developed by the
55 agencies.

1 4. The agencies and the conveners shall update all water data
2 collected pursuant to this act at least annually.

3 5. The agencies shall collaborate with other regional, national and
4 international efforts, including but not limited to the great lakes
5 commission and the international joint commission, to share, integrate
6 and manage water data.

7 6. By September 1 two years after this act shall have become a law,
8 and thereafter annually by September 1 of each year, the agencies shall
9 develop and submit a plan to the governor and the legislature that
10 details:

11 (a) an assessment of water data and information needs to support water
12 management and planning;

13 (b) goals, targets and actions to carry out the purposes of this act
14 in the upcoming fiscal year;

15 (c) budgetary resources to carry out the purposes of this act; and
16 (d) metrics for achieving the purposes of this act.

17 § 4. This act shall take effect on the one hundred eightieth day after
18 it shall have become a law.