

News from the New Hampshire Department of Environmental Services



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State Announces Its 2008 Fall Drawdown of Lakes

Concord, NH – The New Hampshire Department of Environmental Services announced today that the annual fall drawdown of the lakes and ponds controlled by dams operated by DES will be initiated during the next few months according to the schedule below.

The depth of drawdown listed below is not from the current level, but is from the normal full pond level. Since the hydrologic conditions and recreational uses of these water bodies vary, the degree and date of the start of drawdown for each lake is varied and could be affected by the amount of rainfall during the period. In addition, the actual date at which the drawdown will begin could vary by a few days based on operational constraints.

Lake drawdowns are conducted each fall to reduce winter ice damage to shoreline properties and to reduce spring flooding. Drawdowns also give property owners an opportunity to conduct any necessary repairs to their waterfront property, provided they first secure a permit from the DES Wetlands Bureau at (603) 271-2147.

LAKE	RIVER	TOWN	START DATE	DEPTH (in feet) FROM FULL
Angle Pond	Bartlett Brook	Sandown	Oct. 13	2'
Akers Pond	Greenough Brook	Errol	Oct. 13	1'
Ayers Lake	Tributary to Isinglass River	Barrington	Oct. 13	3'
Ballard Pond	Taylor Brook	Derry	Oct. 13	2'
Barnstead Parade	Suncook River	Barnstead	Oct. 13	1.5'
Bow Lake	Isinglass River	Strafford	Oct. 13	4'
Buck Street	Suncook River	East Pembroke	Oct. 13	6'
Bunker Pond	Lamprey River	Epping	Oct. 13	2'
Burns Lake	Tributary to Johns River	Whitefield	Oct. 13	1.5'
Chandler Pond ¹	Mill Brook	Landaff	Oct. 13	6'
Chesham Pond	Minnewawa Brook	Harrisville	Oct. 13	2'
Crystal Lake	Crystal Lake Brook	Enfield	Oct. 13	4'
Crystal Lake	Suncook River	Gilmanton	Oct. 13	3'
Deering Reservoir	Piscataquog River	Deering	Oct. 13	4'
East Washington Pond	Beards Brook	Washington	Oct. 13	2'
Glen Lake/Greggs Falls	Piscataquog River	Goffstown	Nov. 1	1'
Goose Pond	Goose Pond Brook	Canaan	Oct. 13	7.5'
Grafton Pond	Bicknell Brook	Grafton	Oct. 13	2'

Great East Lake	Salmon Falls River	Wakefield	Oct. 1	3'
Great Pond	Powwow River	Kingston	Oct. 13	1'
Highland Lake	North Branch Contoocook River	Stoddard	Oct. 13	3'
Horace Lake (aka Weare Reservoir)	Piscataquog River	Weare	Oct. 20	5'
Horn Pond	Salmon Falls River	Wakefield	Oct. 1	1.5'
Howe Reservoir	Tributary to Minnewawa Brook	Dublin	Oct. 13	6'
Island Pond	North Branch Contoocook River	Stoddard	Oct. 13	3'
Lake Kanasatka	Tributary to Lake Winnepesaukee	Moultonboro	Oct. 31	1.5'
Kezar Lake	Lane River	Sutton	Sept. 30	2'
Kingswood Lake	Churchill Brook	Brookfield	Oct. 13	4'
Little Sunapee Lake ²	Kidder Brook	Sunapee	Sept. 15	3'
Lovell Lake	Branch River	Wakefield	Oct. 13	4'
Mascoma Lake	Mascoma River	Lebanon	Oct. 13	3'
Mendums Pond	Little River	Nottingham	Nov. 9	7'
Milton Three Ponds	Salmon Falls River	Milton	Oct. 13	3'
Newfound Lake	Newfound River	Bristol	Oct. 13	3.5'
Nippo Pond	Nippo Brook	Barrington	Oct. 13	2'
North River Pond	North River	Nottingham	Oct. 13	1'
Northwood Lake	Little Suncook River	Epsom	Oct. 13	6'
Opechee Lake	Winnepesaukee River	Laconia	Oct. 14	5'
Ossipee Lake	Ossipee River	Effingham	Oct. 13	3.25'
Pawtuckaway Lake	Pawtuckaway River	Nottingham	Oct. 13	7'
Pequawket Lake	Tributary to Swift River	Conway	Oct. 31	2'
Pine River Pond	Pine River	Wakefield	Oct. 13	8'
Pleasant Lake	Tributary to Little Suncook River	Deerfield	Oct. 13	3'
Sawyer Lake	Badger Brook	Gilmanton	Oct. 13	3'
Shellcamp Pond ³	Academy Brook	Gilmanton	Oct. 13	4'
Silver Lake	Minnewawa Brook	Harrisville	Oct. 13	3'
Squam Lake	Squam River	Ashland	Oct. 13	2.5'
Sunapee Lake	Sugar River	Sunapee	Oct. 13	3'
Suncook Lakes	Suncook River	Barnstead	Oct. 1	5'
Sunrise Lake ⁴	Dames Brook	Middleton	Oct. 1	8.5'
Sunset Lake	Suncook River	Alton	Oct. 13	7'
Trickling Falls	Powwow River	East Kingston	Oct. 31	1'
Webster Lake	Chance Brook	Franklin	Oct. 13	2'
Winnisquam Lake	Winnepesaukee River	Belmont	Oct. 14	2'

1. Chandler Pond – deep drawdown this year only
2. Little Sunapee Lake – early and deep drawdown this year only
3. Shellcamp Pond – deep drawdown this year only
4. Sunrise Lake – drawdown for dam reconstruction

Generally, lake levels are allowed to return to the normal full pond level in the spring. However, Angle Pond is allowed to return to normal at the beginning of December, and Chesham Pond is lowered by 4 feet starting Columbus Day for a period of 6 to 8 weeks and the level will be

brought up to 2 feet below the normal full pond level for the remainder of winter. In addition, the drawdowns of Opechee and Winnisquam Lakes, which occur on a two-year interval, last only approximately two weeks. This year, the lowering of Opechee Lake will begin on October 14, and it will likely take two days to pass the water from Opechee Lake downstream through Winnisquam Lake. Therefore, the level of Winnisquam Lake is not expected to drop noticeably until October 16. On October 27 flows at Lakeport Dam will be increased to refill Opechee Lake, and the level of Winnisquam Lake should begin to rise late in the day on October 28.

Not included in this schedule is Lake Winnepesaukee. Unlike the other lakes in this schedule, Lake Winnepesaukee is not purposely drawn down in the fall. Instead, each year on Columbus Day, the releases from Lakeport Dam are reduced from a normal minimum of 250 cubic feet per second (cfs) to a flow between 30 and 50 cfs for a period of up to two weeks to allow for maintenance of the dams and hydropower facilities on the Winnepesaukee River. The flow of 30 to 50 cfs is the minimum flow needed to maintain the downstream aquatic life during this period.

By the middle of the fall, Lake Winnepesaukee is, on average, 15 inches below its springtime full level due to evaporation and releases from the lake that have occurred over the course of the summer. As a result of the reduction in the amount of water released from the dam after Columbus Day, the lake level does not drop for the remainder of the month of October and is generally maintained at this level through the month of December. Depending on the amount of snow on the ground in the winter, the lake level may be lowered further beginning in January to a depth of two feet below the normal full level.

A plot of the average lake levels throughout the year for Lake Winnepesaukee is provided on DES's website at http://des.nh.gov/organization/divisions/water/dam/winni_levels/index.htm. Also included are updated plots of this year's lake levels, releases from the dam, and precipitation.

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