



New Hampshire Department of Environmental Services Spatial Data Notes

DATA LAYER: Dams
COVER NAME: DAMS
COVER CONTENTS: Dams registered with the NHDES Water Resources Division
COVER TYPE: Point
SOURCE: NHDES Water Resources Division
SOURCE SCALE: 1:24,000 and 1:25,000
SOURCE MEDIA: Mylar
AUTOMATED BY: NHDES GIS Program
HORIZONTAL DATUM: 1983
TILE: State
STATUS: Complete as of date of last revision.
LAST REVISION: June 2002

General Description of the Data

- This coverage contains dams which are registered with the NHDES WRD. As of the date of last revision, the coverage contains 4264 dams; the coverage may not contain all dams found in the state.
- The locations of the dams are plotted on paper 7½-minute USGS quadrangles based on field information provided by the WRD dam inspectors; these quadrangles are maintained by the NHDES Water Division, Dam Bureau. The majority of this coverage was automated by transferring the features to mylar and digitizing. Subsequent additions and revisions were made using heads-up digitizing techniques vs. USGS Digital Raster Graphics.
- Questions regarding these data should be directed to George Hastings, NHDES GIS Coordinator, (603) 271-0399.

ITEM DEFINITIONS FOR INFO FILE: DAMS.PAT

ITEM NAME	WDTH	OPUT	TYPE	N.DEC	DESCRIPTION
AREA	4	12	F	3	
PERIMETER	4	12	F	3	
DAMS#	4	5	B	0	
DAMS-ID	4	5	B	0	
DAMCODE	9	9	C	0	Dam identification number; see notes on following page ¹
HAZCL	2	2	C	0	Hazard class; see notes on following page ²
NAME	32	32	C	0	Dam name
TOWN	36	36	C	0	Town in which the dam is located
RIVER	32	32	C	0	River name
TYPE	12	12	C	0	Type of construction; see notes on following page ³
STATUS	12	12	C	0	Status of dam; see notes below ⁴
CLASSOWN	1	1	C	0	Class of ownership; see notes below ⁵
IMPOUND	4	12	F	4	Impoundment area (acres)
HEIGHT	4	8	F	2	Height of dam (feet)

ITEM NAME	WDTH	OPUT	TYPE	N.DEC	DESCRIPTION
DRAIN_AREA	4	8	F	2	Area of watershed above the dam (square miles)

NOTES:

- ¹ The format of the dam identification number is <TOWN#>.<ID#> (e.g., 001.01).
² HAZCL is an indication of the potential hazard to life and/or property were the structure to fail. Possible values are:

<blank> = a dam which is in ruins or has been breached.
AA = no hazard potential.
A = low hazard potential.
B = significant hazard potential.
C = high hazard potential.

- ³ TYPE indicates the type of construction:

CON = Concrete	MASONRY = Masonry
CONC = Concrete	STON = Stone
CONCRETE = Concrete	STONE = Stone
EARTH = Earthen	TIMB = Timber
EARTH W/LINER = Earthen with liner	TIMBER = Timber
EARTHE = Earthen	WOODEN = Wooden
EARTHEN = Earthen	

Where multiple types of construction were employed, the values are slash-delimited (e.g., EARTH/TIMBER).

- ⁴ STATUS indicates the class of ownership. Values are:

<input type="radio"/> ACTIVE	<input type="radio"/> NOT BUILT	<input type="radio"/> RUINS
<input type="radio"/> BREACHED	<input type="radio"/> PENDING	
<input type="radio"/> EXEMPT	<input type="radio"/> REMOVED	

- ⁵ CLASSOWN indicates the class of ownership:

F = federal
M = municipal
P = private
S = state
<blank> = no information available