Print Form

Hazard Classification Data Forms for Dams

Dam name

County

Dam number

River / stream

USGS 7.5-minute quadrangle

Dam height

Surface area (acres)

Storage capacity

Primary downstream land use

Downstream improvements

Downstream improvement data - 1

Type

Elevation above floodplain

Distance

Breach wave elevation

Flood plain width

Culvert / bridge dimensions

Channel slope

Traffic count

Downstream improvement data - 2

Type

Elevation above floodplain

Distance

Breach wave elevation

Flood plain width

Culvert / bridge dimensions

Channel slope

Traffic count

Downstream improvement data - 3

Type

Elevation above floodplain

Distance

Breach wave elevation

Flood plain width

Culvert / bridge dimensions

Channel slope

Traffic count

Downstream improvement data - 4

Type		Elevation above floodplain	
Distance		Breach wave elevation	
Flood plain width		Culvert / bridge dimensions	
Channel slope		Traffic count	

Describe potential for loss of life and structural or environmental damage to existing or potential future downstream improvements

By		Title		Date	
Concurred by		Title		Date	

Recommended hazard classifiction

Dam Hazard Classification - Hazard classification and quantitative guidelines (summary table for information)

Low

Hazard classification	Quantitative quidelines
Interruption of road service, Low volume roads Economic damage	Less than 25 vehicles per day Less than $30,000

Intermediate

Hazard classification	Quantitative guidelines
Damage to highways, Interruption of service Economic damage	25 to less than 250 vehicles per day $30,000 to less than $200,000

High

Hazard classification	Quantitative guidelines
Loss of human life* Economic damage *Probable loss of human life due to breached roadway or bridge on or below dam.	Probable lost of 1 or more human lives More than $200,000 250 vehicles per day

Note: Cost of dam repair and loss of service should be included in economic loss estimate if the dam is a publically owned utility, such as a municipal water supply dam.

Form: Dam-Safety-Hazard Classification dataform for dams - Rev.09/27/2006