

Independence Flood History

Water level	Location/Effect(s)
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| <p>8'</p> <ul style="list-style-type: none"> Wendling and Greenley Cabin areas and low lying areas in Independence need to be aware based on water level projections and rate of rise per hour. | |
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| <p>12' <u>Flood Stage in Independence</u></p> <ul style="list-style-type: none"> Affects low-lying streets in Independence. | |
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| <p>14'</p> <ul style="list-style-type: none"> Affects residences and streets in low-lying areas in Independence. Traffic congestion begins on Main Street and areas around the dam. Littleton feeling affects at 14'. | |
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| <p>15'</p> <ul style="list-style-type: none"> Affects the cemetery on the south side of town. Hwy. 150 bridge is evaluated for closure closer to 16'. Traffic congestion on Main Street continues depending on the day of the week. | |
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| <p>16'</p> <ul style="list-style-type: none"> Flooding occurs in Littleton. Affects many residences, businesses and parks in Independence. Hwy. 150 bridge evaluated near 16.5' for closure. 6th Ave SW evaluated for closure near 17'. Traffic congestion on Main Street. <u>Minimize sight seeing due to heavy traffic congestion on Main Street.</u> | |
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| <p>18' – Damage expands greatly past 18'.</p> <ul style="list-style-type: none"> Evaluate 1st Street and bridge for closure. 4th Ave. NW and SW needs to be aware. | |
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| <p>19'</p> <ul style="list-style-type: none"> Affects the back of businesses on 1st Street. 1st Street Bridge closed near 19'. <u>Avoid sight seeing due to heavy traffic congestion.</u> | |
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| <p>20'</p> <ul style="list-style-type: none"> Floods most residences, businesses and parks near river. Water possibly entering 4th Ave. NW and SW. 2nd Street Bridge evaluated for closure. Flooding may occur in higher areas. | |
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| <p>21'</p> <ul style="list-style-type: none"> Independence split in half. 2nd Street Bridge evaluated for closure. Water reaches alleyway between 1st and 2nd Street South. Front of businesses, near the river, may have water at their doors. Water reaches bottom of railroad bridge north end of town. Water on 1st Street from 2nd Ave. E to 3rd Ave. W including bridge surface. <u>Avoid sight seeing due to heavy traffic congestion.</u> | |
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| <p>22'</p> <ul style="list-style-type: none"> Water on Hwy. 150 from cemetery to Three Elms Park Road in Independence. Water floods most homes and businesses from the river to 2nd Ave. NE. | |
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National Weather Service website:
(Copy and paste on web)

<http://water.weather.gov/ahps2/hydrograph.php?wfo=dvn&gage=idpi4&view=1,1,1,1,1,1,1,1>

Flood Categories (in feet)

Major Flood Stage:	15
Moderate Flood Stage:	13
Flood Stage:	12
Action Stage:	10

Historical Crests

- (1) 22.35 ft on 05/18/1999
- (2) 21.11 ft on 07/18/1968
- (3) 20.30 ft on 08/26/1990
- (4) 18.86 ft on 06/11/2008
- (5) 18.80 ft on 07/24/1999
- (6) 18.77 ft on 07/24/2010
- (7) 18.74 ft on 06/14/1947
- (8) 18.20 ft on 04/30/1951
- (9) 18.00 ft on 05/23/2004
- (10) 17.97 ft on 04/26/2008

Factors - Two key factors are the amount of rain and rate of raise of the water when evaluating the impact of floods.

Data - Data and experience from the 1999, 2004, 2008 & 2010 floods utilized