

1. Big Canyon	15. Burns (this study)
2. Jump-Off Joe Mountain	16. Mahon Creek
3. Calamity Butte	17. Crane
4. Landing Creek	18. New Princeton
5. Mosquito Flat	19. Southeast Harney
6. Devine Ridge North	20. Coyote Buttes
7. Telephone Butte	21. Adobe Flat
8. Burns Northwest	22. Twin Buttes
9. Poison Creek (this study)	23. Jackass Butte
10. Devine Ridge South	24. Irish Lake
11. Harney	25. Krumbo Reservoir
12. Buchanan	26. Frenchglen
13. Stinkingwater Pass	27. Page Springs
14. Burns Butte	
——— Harney basin hydrologic boundary	
— — — County boundary	
county boundary	

2x vertical exaggeration (horizontal 1:24,000)

Source Data: Three-foot bare earth lidar digital elevation model for Poison Creek (43119-F1) quadrangle derived from multiple Oregon Lidar Consortium airborne lidar surveys: Harney 3-DEP 2018 and Burns 2011. These data are distributed through the Oregon Department of Geology and Mineral Industries (DOGAMI) Lidar Program (https://gis.dogami.oregon.gov/maps/lidarviewer/). Water features from USGS High Resolution National Hydrography Dataset (NED): Aquatic Resources Information System (ARMIS) (2017). Road features from Oregon Department of Transportation (ODOT) (2015).

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SEA LEVEL

Projection: Oregon Statewide Lambert Conformal Conic, Unit: International Feet, Horizontal Datum: NAD 1983 HARN. UTM Coordinates: Zone 11N, NAD83.

Software: Esri ArcGIS® v10.6 and Adobe® Illustrator® 2019 v23.0.3

Field Work: Field work conducted in 2018 and 2019 by Jason D. McClaughry, DOGAMI; Carlie J.M. Duda, DOGAMI; and Darrick Boschmann, Oregon Water Resource Department

References: Cohen, K. M., Finney, S. C., Gibbard, P.L. and Fan, J.-X, 2013, The ICS International Conostratigraphic Chart: Episodes 36, p. 199-204.

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Ogg, J. G., Ogg, G., and Gradstein, F. M., 2008, The concise geologic time scale: New York, Cambridge University Press, 184 p.

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2x vertical exaggeration (horizontal 1:24,000)

- 200

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- 100

SEA LEVEL