

11-2017

Bonneville Basin Data

Larry Benson

U.S. Geological Survey, great.basin666@gmail.com

Follow this and additional works at: <https://digitalcommons.unl.edu/usgsdata>

 Part of the [Fresh Water Studies Commons](#), [Geochemistry Commons](#), [Hydrology Commons](#), and the [Sedimentology Commons](#)

Benson, Larry, "Bonneville Basin Data" (2017). *Data Sets for USGS Research*. 1.
<https://digitalcommons.unl.edu/usgsdata/1>

This Article is brought to you for free and open access by the US Geological Survey at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Data Sets for USGS Research by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

General Comment: in most cases an age model based on ^{14}C analyses is not included with the data sets although ones were created for the original publications. Given the general problems with ^{14}C ages in the lakes of the Great Basin, age models based on paleomagnetic secular variation (PSV) are much preferred. However the original ^{14}C data are included below so that the reader may create their own age models. Most of the calibrated ages in this data base have been done more recently than the times of original publication so they may not exactly match the dates in the publications.

In the Bonneville Basin folder, all data were reported in: Benson, L.V., Lund, S.P., Smoot, J.P., Rhode, D.E., Spencer, R.J., Verosub, K.L., Louderback, L.A., Johnson, C.A., Rye, R.O., Negrini, R., 2011. The rise and fall of Lake Bonneville between 45 and 10.5 ka. *Quaternary International* 235, 57-69.

<http://digitalcommons.unl.edu/usgsstaffpub/726>

<u>Name</u>	<u>Date modified</u>	<u>Time modified</u>	<u>Size MB</u>	<u>Extension</u>
Z:\Uploadables and Archive\USGS\Benson data\Bonneville Basin Data\				
Bonneville BL04 180, TIC, mineralogy data.xls	11.11.2017	17:51:12	0.24	xls
Bonneville Blue Lake core 5 master 180 and mineralogy table rev.xls	11.11.2017	17:34:36	0.08	xls
Bonneville core BL04 PSV correl with NATL and lake PSV.xls	11.11.2017	17:28:10	0.03	xls
Bonneville Blue Lake core 5 master 180 and mineralogy table rev.xls	11.11.2017	17:34:36	0.08	xls
Calibration of Bonneville Blue Lake ^{14}C ages.xls	11.11.2017	17:54:40	0.03	xls
Depth PSV age TIC 180 ^{13}C carbs in BL04-4.xlsx	02.03.2014	17:09:38	0.09	xlsx