

# CSAS ARCHIVAL DATA FROM SENATOR BECK BASIN



Our Mountain System Monitoring data is made possible by private donations, funding from stakeholders, and the research community. Before using any of the following data you must agree to the [policies governing use of CSAS data](#).

Data users should reference: Landry, C. C., K. A. Buck, M. S. Raleigh, and M. P. Clark (2014), [Mountain system monitoring at Senator Beck Basin, San Juan Mountains, Colorado: A new integrative data source to develop and evaluate models of snow and hydrologic processes](#), Water Resour. Res., 50, doi:[10.1002/2013WR013711](#).

Please contact [jderry@snowstudies.org](mailto:jderry@snowstudies.org) for assistance in working with CSAS data, additional formats, and in interpreting radiation/energy budget data. See [current conditions](#) for near real-time data.

[sep/dataset/](#)

	Swamp Angel Study Plot	Senator Beck Study Plot	Putney Study Plot	Senator Beck Stream Gauge
<b>Metadata</b>	<a href="#">SASP_metadata.pdf</a>	<a href="#">SBSP_metadata.pdf</a>	<a href="#">PTSP_metadata.pdf</a>	<a href="#">SBSG_metadata.pdf</a>
<b>Table of variables measured and CF Standard Names</b>	<a href="#">SASP_variables.xlsx</a>	<a href="#">SBSP_variables.xlsx</a>	<a href="#">PTSP_variables.xlsx</a>	<a href="#">SBSG_variables.xlsx</a>
	2003 - 2020	2003 - 2020	2004 - 2020	2005 - 2020
Entire Period of Record Datasets (comma delimited)	<a href="#">1-Hour data_03'-09'</a> <a href="#">1-Hour data_10'-20'</a> <a href="#">All 3-Hour data</a> <a href="#">All 24-Hour data</a>	<a href="#">1-Hour data_03'-09'</a> <a href="#">1-Hour data_10'-20'</a> <a href="#">All 3-Hour data</a> <a href="#">All 24-Hour data</a>	<a href="#">All 1-Hour data</a> <a href="#">All 3-Hour data</a> <a href="#">All 24-Hour data</a>	<a href="#">All 1-Hour data</a> <a href="#">All 24-Hour data</a>

Serially Complete Meteorological Forcing Datasets (fixed width text)	2006 - 2012 <a href="#">SASP forcing</a>	2006 - 2012 <a href="#">SBSP_forcing</a>	na	na
	<a href="#">Forcing Data 'Read Me' File</a>			

## SEASONAL DATASETS:

<b>Summer 2020</b>	<a href="#">SASP_s2020.xls</a>	<a href="#">SBSP_s2020.xls</a>	<a href="#">PTSP_s2020.xls</a>	<a href="#">SBSG_s2020.xls</a>
	<a href="#">SASP_w1920.xlsx</a>	<a href="#">SBSP_w1920.xlsx</a>	<a href="#">PTSP_w1920.xlsx</a>	shut down
<b>Winter 2019/2020</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 25 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> <li>• <a href="#">Temperature at Ground Surface Transect Data</a>, for Snow and Ecology Studies</li> </ul>			
<b>Summer 2019</b>	<a href="#">SASP_s2019.xls</a>	<a href="#">SBSP_s2019.xls</a>	<a href="#">PTSP_s2019.xls</a>	<a href="#">SBSG_s2019.xls</a>
	<a href="#">SASP_w1819.xlsx</a>	<a href="#">SBSP_w1819.xlsx</a>	<a href="#">PTSP_w1819.xlsx</a>	shut down
<b>Winter 2018/2019</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 20 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2018</b>	<a href="#">SASP_s2018.xls</a>	<a href="#">SBSP_s2018.xls</a>	<a href="#">PTSP_s2018.xls</a>	<a href="#">SBSG_s2018.xls</a>
	<a href="#">SASP_w1718.xlsx</a>	<a href="#">SBSP_w1718.xlsx</a>	<a href="#">PTSP_w1718.xlsx</a>	shut down
<b>Winter 2017/2018</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 20 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2017</b>	<a href="#">SASP_s2017.xls</a>	<a href="#">SBSP_s2017.xls</a>	<a href="#">PTSP_s2017.xls</a>	<a href="#">SBSG_s2017.xls</a>

	<a href="#">SASP_w1617.xlsx</a>	<a href="#">SBSP_w1617.xlsx</a>	<a href="#">PTSP_w1617.xlsx</a>	shut down
<b>Winter 2016/2017</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 15 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2016</b>	<a href="#">SASP_s2016.xls</a>	<a href="#">SBSP_s2016.xls</a>	<a href="#">PTSP_s2016.xls</a>	<a href="#">SBSG_s2016.xls</a>
	<a href="#">SASP_w1516.xlsx</a>	<a href="#">SBSP_w1516.xlsx</a>	<a href="#">PTSP_w1516.xlsx</a>	shut down
<b>Winter 2015/2016</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 15 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2015</b>	<a href="#">SASP_s2015.xls</a>	<a href="#">SBSP_s2015.xls</a>	<a href="#">PTSP_s2015.xls</a>	<a href="#">SBSG_s2015.xls</a>
	<a href="#">SASP_w1415.xlsx</a>	<a href="#">SBSP_w1415.xlsx</a>	<a href="#">PTSP_w1415.xlsx</a>	shut down
<b>Winter 2014/2015</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 25 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2014</b>	<a href="#">SASP_s2014.xls</a>	<a href="#">SBSP_s2014.xls</a>	<a href="#">PTSP_s2014.xls</a>	<a href="#">SBSG_s2014.xls</a>
	<a href="#">SASP_w1314.xlsx</a>	<a href="#">SBSP_w1314.xlsx</a>	<a href="#">PTSP_w1314.xlsx</a>	shut down
<b>Winter 2013/2014</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 24 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2013</b>	<a href="#">SASP_s2013.xls</a>	<a href="#">SBSP_s2013.xls</a>	<a href="#">PTSP_s2013.xls</a>	<a href="#">SBSG_s2013.xls</a>
	<a href="#">SASP_w1213.xls</a>	<a href="#">SBSP_w1213.xls</a>	<a href="#">PTSP_w1213.xls</a>	shut down
<b>Winter 2012/2013</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 17 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			

<b>Summer 2012</b>	<a href="#">SASP_s2012.xls</a>	<a href="#">SBSP_s2012.xls</a>	<a href="#">PTSP_s2012.xls</a>	<a href="#">SBSG_s2012.xls</a>
	<a href="#">SASP_w1112.xls</a>	<a href="#">SBSP_w1112.xls</a>	<a href="#">PTSP_w1112.xls</a>	shut down
<b>Winter 2011/2012</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 20 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2011</b>	<a href="#">SASP_s2011.xls</a>	<a href="#">SBSP_s2011.xls</a>	<a href="#">PTSP_s2011.xls</a>	<a href="#">SBSG_s2011.xls</a>
	<a href="#">SASP_w1011.xls</a>	<a href="#">SBSP_w1011.xls</a>	<a href="#">PTSP_w1011.xls</a>	shut down
<b>Winter 2010/2011</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) 25 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2010</b>	<a href="#">SASP_s2010.xls</a>	<a href="#">SBSP_s2010.xls</a>	<a href="#">PTSP_s2010.xls</a>	<a href="#">SBSG_s2010.xls</a>
	<a href="#">SASP_w0910.xls</a>	<a href="#">SBSP_w0910.xls</a>	<a href="#">PTSP_w0910.xls</a>	shut down
<b>Winter 2009/2010</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) from 21 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2009</b>	<a href="#">SASP_s2009.xls</a>	<a href="#">SBSP_s2009.xls</a>	<a href="#">PTSP_s2009.xls</a>	<a href="#">SBSG_s2009.xls</a>
	<a href="#">Basin Baseline Study, Repeat Survey, Summer 2009</a>			
	<a href="#">SASP_w0809.xls</a>	<a href="#">SBSP_w0809.xls</a>	<a href="#">PTSP_w0809.xls</a>	shut down
<b>Winter 2008/2009</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) from 20 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2008</b>	<a href="#">SASP_s2008.xls</a>	<a href="#">SBSP_s2008.xls</a>	<a href="#">PTSP_s2008.xls</a>	<a href="#">SBSG_s2008.xls</a>

	<a href="#">SASP_w0708.xls</a>	<a href="#">SBSP_w0708.xls</a>	<a href="#">PTSP_w0708.xls</a>	shut down
<b>Winter 2007/2008</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) from 30 pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2007</b>	<a href="#">SASP_s2007.xls</a>	<a href="#">SBSP_s2007.xls</a>	<a href="#">PTSP_s2007.xls</a>	<a href="#">SBSG_s2007.xls</a>
	<a href="#">SASP_w0607.xls</a>	<a href="#">SBSP_w0607.xls</a>	<a href="#">PTSP_w0607.xls</a>	shut down
<b>Winter 2006/2007</b>	<ul style="list-style-type: none"> <li>• <a href="#">Snow Profiles</a> (pdf) from pits</li> <li>• <a href="#">Snow Profile Metadata</a> (pdf)</li> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2006</b>	<a href="#">SASP_s2006.xls</a>	<a href="#">SBSP_s2006.xls</a>	(shut down to prevent lightning damage)	<a href="#">SBSG_s2006.xls</a>
	<a href="#">SASP_w0506.xls</a>	<a href="#">SBSP_w0506.xls</a>	<a href="#">PTSP_w0506.xls</a>	shut down
<b>Winter 2005/2006</b>	<ul style="list-style-type: none"> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2005</b>	<a href="#">SASP_s2005.xls</a>	<a href="#">SBSP_s2005.xls</a>	(shut down to prevent lightning damage)	<a href="#">SBSG_s2005.xls</a>
	<a href="#">SASP_w0405.xls</a>	<a href="#">SBSP_w0405.xls</a>	<a href="#">PTSP_w0405.xls</a>	
<b>Winter 2004/2005</b>	<ul style="list-style-type: none"> <li>• <a href="#">Storm Reports</a> (xlsx)</li> <li>• <a href="#">Sensor Status Workbooks</a> (xls)</li> </ul>			
<b>Summer 2004</b>	<a href="#">SASP_s2004.xls</a>	(shut down for major improvements)		(under construction)
<b>Winter 2003/2004</b>	<a href="#">SASP_w0304.xls</a>	<a href="#">SBSP_w0304.xls</a>		

For inquires about datasets, contact Jeff Derry ([jderry@snowstudies.org](mailto:jderry@snowstudies.org)).