

## C-7 Report on Collection Conditions

The USGS Lidar Base Specification Version 2.1 states: "Atmospheric conditions shall be cloud and fog free between the aircraft and ground during all collection operations. Ground conditions will be snow free. Very light, undrifted snow may be acceptable with prior approval. Ground conditions shall be free of extensive flooding or any other type of inundation. Leaf-off vegetation conditions are preferred. Penetration to the ground shall be adequate to produce an accurate and reliable bare-earth surface for the prescribed QL. Collections planned for leaf-on collections shall be approved by the USGS-NGP/3DEP prior to issuance of a task order or contract."

*Note: Not all collection condition requirements can be checked with this reporting tool.*

The purpose of this section is to provide a hyperlink to a NOAA website that shows the snow depth map for the extent of the lidar at the time of collection.

### Ground Conditions:

Flight Date: 04/08/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=4&dd=8&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=4&dd=8&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/10/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=4&dd=10&dh=19&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=4&dd=10&dh=19&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/18/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=4&dd=18&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=4&dd=18&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/19/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=4&dd=19&dh=16&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=4&dd=19&dh=16&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

## *C-7 Report on Collection Conditions - Continued*

### Ground Conditions:

Flight Date: 04/20/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=4&dd=20&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=4&dd=20&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/21/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=4&dd=21&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=4&dd=21&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/22/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=4&dd=22&dh=15&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=4&dd=22&dh=15&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 05/02/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=5&dd=2&dh=19&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=5&dd=2&dh=19&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

## *C-7 Report on Collection Conditions - Continued*

Ground Conditions:

Flight Date: 05/03/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=5&dd=3&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=5&dd=3&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 05/04/2020

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm\\_depth&dy=2020&dm=5&dd=4&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-88.4910754176436&min\\_y=39.131718448171&max\\_x=-87.5055716103405&max\\_y=39.8974098940149&coord\\_x=-87.998323513992&coord\\_y=39.514564171093&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=39.514564171093+N%2C+87.998323513992+W&ql=station&var=ssm_depth&dy=2020&dm=5&dd=4&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-88.4910754176436&min_y=39.131718448171&max_x=-87.5055716103405&max_y=39.8974098940149&coord_x=-87.998323513992&coord_y=39.514564171093&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)