

CP1 17 June
 JEB, DVA, APA, CLAN, Borek
 IMEI 300534062418810 x2

top of lower boom 10

radom

70

T/H 2

85

sonic 2

126

wind 2

axel 57

orientation 2 pms
 good to south

snow probp

$$\begin{array}{r} 1) \quad 115 \\ \hline 225 \end{array}$$

$$\begin{array}{r} 2) \quad 80 \\ \hline 160 \end{array}$$

816

224

$$\begin{array}{r} 4) \quad 153 \\ \hline 220 \end{array}$$

$$\begin{array}{r} 5) \quad 115 \\ \hline 222 \end{array}$$

215

$$\begin{array}{r} 7) \quad 113 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad \times \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 134 \\ \hline 218 \end{array}$$

$$\begin{array}{r} 10) \quad 149 \\ \hline 165 \end{array}$$

$$\begin{array}{r} 11) \quad 13 \times 6 \\ \hline 221 \end{array}$$

$$\begin{array}{r} 13) \quad \times \\ \hline 215 \end{array}$$

$$\begin{array}{r} 12) \quad 133 \\ \hline 160 \end{array}$$

Scale: 1 square =

site CPI date
 lat lon
 who JEB * small cutter
 weather

depth large cutter x tube cutter

	S	T	layering	notes
0-10	389	-10 q2		
-20	369	-12 q1		1 m m 20
30	390	-11 q1		
40	392	-12 q2		1 m m
50	408	-11 q1		
60	424	-12 q2		
70	418	-10.5		
80	98x4*	-13 q1		1 cm hoar
90	95*	-12 q3		
100	100*	-13.5 q3		103, 105
110	91*	-13 q1		
120	85*	-14 q1		
130	108*	-13		2020 132
140		-15		-136
150		104 x, 2 meas q1		

CPI	cores	13cm	corer
run	g	cm	quality

2464	53.5	35	1
964			

2339	79		3
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2787 + 40	114		2
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1903	130		1
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1863	153		
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1697	219	2019!
+ 2600	2663	
+ 1663	1671	

CP1 Core 2 9 cm

1697 g

65.5 cm

1546

112

2264

163

2782

234

2019

→

Station name	
People present	
Purpose	Maintenance / installation / take-down / quick visit / emergency
Date	

Notes:

CPI
2021

AWS to do list		Check after maintenance	
Part	Part shipped (Y/N)	Shipped part number	Part number upon departure.
Radiometer			212893
			Clean? Y/N
Iridium modem IMEI number			
Inclinometer/compass		Attached to the radiometer? <input checked="" type="checkbox"/> Y/N	
Satellite antenna			
Wind sensor <input checked="" type="checkbox"/> 2		Black box pointing toward the radiometer (i.e. along the boom)? <input checked="" type="checkbox"/> Y/N	
Temperature / humidity assembly		Fan spins? <input checked="" type="checkbox"/> Y/N Sounds OK? Y/N	
Sonic ranger (lower)		Old sensor with new membrane? Y/N	
Sonic ranger (upper)		Old sensor with new membrane? Y/N NB: make sure not being buried next winter	
Thermistor string		Initial depth of upper sensor:	
Solar panel		Clean? Y/N	
GPS antenna		At top of logger enclosure? Y/N	
Data logger		Type is CR1000 or CR1000X or what?	
Multiplexer		Clicking during measurement cycle? Y/N	
Logger enclosure		Replaced (including everything inside)? Y/N New desiccant bags? Y/N	
Battery box		New box? Y/N New desiccant bags? Y/N	
Extension inserted?		Length: Notes:	
Mast		New AWS mast? Y/N	

Metadata maintenance

	Arrival	Departure
Time difference between logger clock and UTC (\pm mm:ss)		
Download data to PC and/or change CF Card (wait for green light)	Y/N	Y/N
Name of logger program		
Screen dump of values in fast scan mode	Y/N	Y/N
Photos: mast, sensors, wiring etc. (more is better)	Y/N	Y/N
Mast tilt towards radiometer (- if tilting towards anemometer)	°	°
Mast tilt across boom looking from radiometer (- if clockwise)	°	°
Boom direction relative to north	° true/magn.	° true/magn.
Box on wind sensor exactly towards mast? If not, measure.	Y/N	South Y/N
Radiometer exactly aligned with inclinometer? If not, measure.	Y/N	Y/N
Temperature / humidity height (bottom of casing to surface)	cm	see below cm
Apparent damage to sensors? If yes, which?	Y/N	Y/N

Notes:

modem + antennae working
wind Axel 1 @ 2.53 m, 2
2 @ 3.70

profile separation 119 / 120 cm

height to bott of enc door 183
" " " butt 1 253
" to 2.358

Must-do at next visit:

we recovered the existing
old GCNet AWS

dug snow pit

Therm string 75 cm to shallow
difference of Young 1 with SR50, +