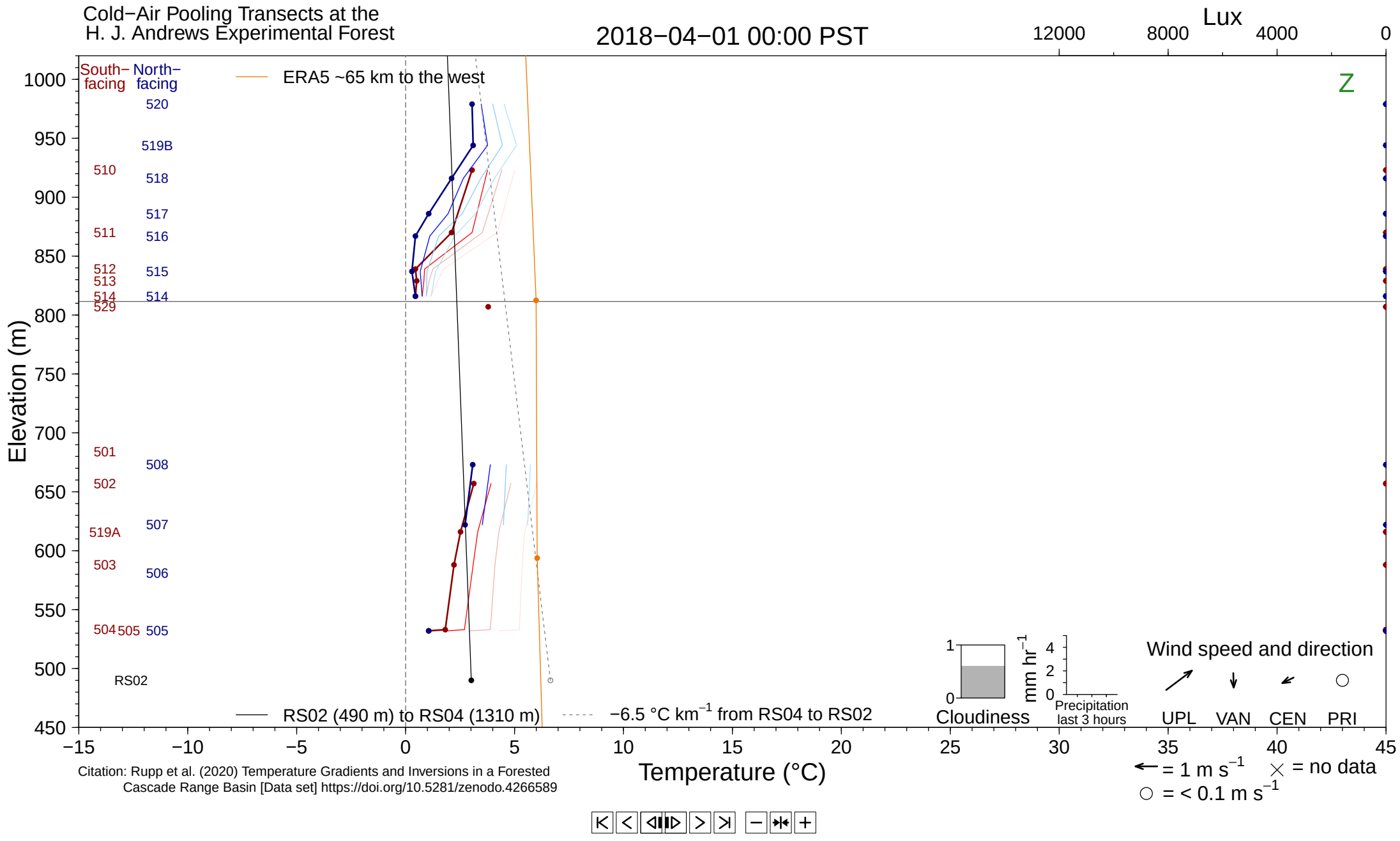
Cold−Air Pooling Transects at the
H. J. Andrews Experimental Forest
2018−04−01 00:00 PST
Lux
12000
8000
4000
0
South− facing
North− facing
ERA5 ~65 km to the west
Z
520
519B
510
518
517
511
516
512
513
515
514
514
529
501
508
502
507
519A
503
506
504
505
505
RS02
Elevation (m)
1000
950
900
850
800
750
700
650
600
550
500
450
−15
−10
−5
0
5
10
15
20
25
30
35
40
45
Temperature (°C)
RS02 (490 m) to RS04 (1310 m)
−6.5 °C km−1 from RS04 to RS02
Cloudiness
mm hr−1
Precipitation last 3 hours
Wind speed and direction
UPL
VAN
CEN
PRI
= 1 m s−1
= no data
= < 0.1 m s−1
Citation: Rupp et al. (2020) Temperature Gradients and Inversions in a Forested
Cascade Range Basin [Data set] https://doi.org/10.5281/zenodo.4266589