

ID	TIME (UTC)	QUALITY	NOTES	Wind QI	Temp QI	RH QI	Jason Dunion's notes
B6A1	185538	good	Begin transit from Mexican coast	1	1	1	mini T inversion from 480-490 mb may be suspect, but kept it in
13B0	185855	good		1	1	1	
C1F4	190142	good		1	1	1	
9935	190428	good		1	1	1	
F648	190714	good		1	1	1	
1E8D	191001	good		1	1	1	
39FE	191247	OK - jump in RH		1	1	2	flagged RH below 705 mb...strange jump and offset below 705 mb
230E	191633	All data missing below 350hPa		3	3	3	flagged as did not hit sfc
199C	191817	good - maybe sensor wetting		1	1	1	
72E2	192112	good - maybe sensor wetting		1	1	1	
3C2B	192409	Very spotty T and RH lower trop		1	2	3	flagged T below 840 mb; flagged RH below 535 mb...T inv looked looked strange & RH structures looked suspect below those levels.
D033	192601	Poor RH	Turning; Vigorous convection	1	1	3	flagged RH below 520 mb
8F54	192836	All data missing below 350hPa	Begin first center cross; Vigorou	3	3	3	flagged as did not hit sfc
6D91	193058	good	Begin high density drops	1	1	1	
FB38	193144	Spotty RH in low trop		1	1	2	flagged RH below 710 mb...RH structure and extreme dryness looked suspect
FBE8	193229	All data missing below 450hPa		3	3	3	flagged as did not hit sfc
E18C	193313	Spotty RH in low trop		1	1	3	
BB47	193359	thermo data missing below 350hPa		1	3	3	
6801	193443	RH issues in lower trop		1	1	2	flagged RH 545-620 mb and 950 mb to sfc...suspect structures and spotty data. Interesting jet near 600 mb- suggests that the dry slot there "could" be real.
7898	193529	thermo issues in lower trop		1	3	3	flagged as did not hit sfc...885 mb sfc press is way too low (operational pressure was 1004-995 mb at this time). Flagged T below 680 mb and RH below 540 mb...both looked very suspect
869E	193616	thermo issues in lower trop		1	2	2	spotty thermo below 550 mb, but did not flag
ACF9	193659	thero issues in lower trop		1	2	3	flagged RH below 545 mb...unrealistic looking RH structure below that.
CE73	193844	RH issues in lower trop	This is actually 193744 UTC	1	1	2	flagged RH below 670 mb...strange jumps in RH
B344	193830	RH issues in lower trop		1	1	3	flagged RH below 530 mb...strange jumps in RH
2105	193913	RH issues in lower trop		1	1	3	flagged RH below 605 mb...strange jumps in RH
C077	193950	RH issues in lower trop		1	1	3	flagged RH below 545 mb...strange, regular jumps in RH; flagged winds below 990 mb...very rapid & linear slow down in dz/dt before splash
482C	194042	RH issues		1	1	2	flagged RH below 520 mb...strange jumps and structures in RH
47B9	194126	RH issues, T wiggles		1	2	3	flagged RH below 540 mb...RH bottoms out to near zero below this
7D28	194212	RH issues		1	1	3	flagged RH below 515 mb...strange...regular jumps in RH below this
1DEF	194257	All data missing below 300 hPa		3	3	3	flagged as did not hit sfc
65CF	194341	good		1	1	1	
B271	194425	OK - wiggles		1	1	1	
0562	194508	good		1	1	1	
97E3	194553	good		1	1	1	
3B5C	194653	OK - missing a few winds	Turning; end high density drops	2	1	1	
2DE5	194938	RH issue		1	1	2	flagged RH below 515 mb...RH drops to 30-35% rapidly...doesn't match environment
D2AA	195225	RH issue	Begin second high density cent	1	1	3	flagged RH below 615 mb...RH bottoms out to zero in a strange stair step pattern...then quickly back up to ~70% at the near sfc
1399	195320	thermo issues - no splash?		1	2	3	flagged RH below 560 mb...RH drops to <10% in a very thin layer near ~600 mb...and is very dry (40%) at the sfc...not enough confidence to keep since TPW from microwave overpasses doesn't support this kind of low ti mid-level dryness
5D4E	195421	RH issues - no splash?		1	2	3	flagged as did not hit sfc...988 mb sfc press seems too low (operational pressure was 1004-995 mb at this time) and doesn't fit in with surrounding sondes; flagged RH below 560 mb (same reasons as previos sonde
7E81	195457	Thermo issues		1	2	3	flagged RH below 545 mb...RH bottoms out to near zero below this and is jumpy down to the sfc; intersting steady ramp up of winds ~850 mb to sfc (kept...since low level winds fit in with surrounding sondes;
1902	195533	All data missing below 350 hPa		3	3	3	flagged as did not hit sfc; flagged winds above 225 mb (very jumpy)
AF2C	195609	RH issues		1	2	3	flagged as did not hit sfc...970 mb sfc press too low (operational pressure was 1004-995 mb at this time) and doesn't fit in with surrounding sondes; flagged RH below 530 mb (layers of suspiciously low RH blow and very jumpy)
689D	195645	RH issues lower trop	Enter vigorous convection	1	1	2	flagged RH below 605 mb...strange stair step patterns in RH
C1D9	195721	All data missing below 850 hPa		2	2	2	flagged as did not hit sfc
0D3E	195758	OK - sensor wetting?		1	1	1	
B2D6	195833	OK - sensor wetting?		1	2	2	
A624	195910	Missing thermo below 750 hPa		2	2	2	flagged RH below 765 mb...values rapidly drop to <40%, are spotty, and then drop out completely at ~1000 mb
0A2A	195946	Missing thermo data below 250hPa		1	3	3	flagged as did not hit sfc
AE82	200021	Missing data below 400 hPa; spotty above		2	3	3	
0FC9	200057	RH issues		1	2	3	flagged RH below 530 mb...values are very jumpy below and drops as low as ~20% near 860 mb
AA50	200133	thermo data missing below 400 hPa		1	3	3	flagged as did not hit sfc (Aspen calculated a 1028 mb sfc press)
608C	200209	thermo data missing below 500 hPa		1	3	3	flagged as did not hit sfc (Aspen calculated a unrealistic 1012 mb sfc press); flagged RH below 450 mb...RH drops off very quickly and steadily below this and reaches 5% (before dropping out completely around 580 mb)
CF8B	200246	all data missing below 300 hPa		3	3	3	flagged as did not hit sfc
EFDE	200321	All data missing below 600 hPa; RH issues		2	3	3	flagged as did not hit sfc; flagged RH below 480 mb...this "could" be real, but confidence is low
43DA	200358	Spotty RH in low trop	Exit vigorous convection	1	1	2	
082D	200434	All data missing below 300 hPa		3	3	3	flagged as did not hit sfc
ECB4	200509	thermo data missing below 450 hPa		1	3	3	
1673	200546	Almost no data	Enter vigorous convection	3	3	3	flagged as did not hit sfc; flagged 2 random RH values near 228 mb (there were no other RH vlauies in the entire sounding)
60DC	200621	Spotty RH in low trop		1	2	3	
D329	200657	Spotty RH in low trop		1	1	3	flagged RH 627-638 mb...only a few pts that drop rapidly to 12-13% RH and jump back up again below that
804F	200734	All data missing below 700 hPa	Thermobaric winds down to sfc	2	2	2	
0C5F	200809	All data missing below 700 hPa	Turning; end high density drops	2	2	3	flagged as did not hit sfc; flagged RH below 550 mb...structures look suspicious with a ~50% sfc RH
1258	200845	Spotty RH in low trop	Begin transit back towards Mexi	1	1	3	flagged RH below 530 mb...structures look suspicious
E49E	201118	BAD		2	3	3	flagged all thermo; kept winds and pressure since they fit in well with surrounding sondes
851A	201315	good	Exit vigorous convection	1	1	1	
A980	201510	RH issue lower trop		1	1	2	flagged RH below 850 mb...values rapidly drop to <30%, and then drop out completely at ~1000 mb
4423	201707	OK - sensor wetting?		1	1	1	
6893	201903	OK - sensor wetting?		1	1	1	
11C4	202058	good		1	1	1	
10DB	202254	all data missing below 300 hPa		3	3	3	flagged as did not hit sfc
6843	202412	good		1	1	1	
5426	202657	good		1	1	1	
E03A	202943	RH issues		1	1	3	RH flagged below 950 mb; tricky moisture profile...the drop off from ~85% RH at 950 mb to 61% at the sfc is definitely suspicious (unless this drop just happened to catch a very impressive outflow boundary that advecting into this area).
8A73	203229	RH issues		1	1	3	flagged RH below 685 mb...similar to several other HDSS sondes, RH bottoms out to zero in a strange stair step patter
7E6C	203515	good		1	1	1	
B879	203800	good		1	1	1	
D4B7	204046	good		1	1	1	