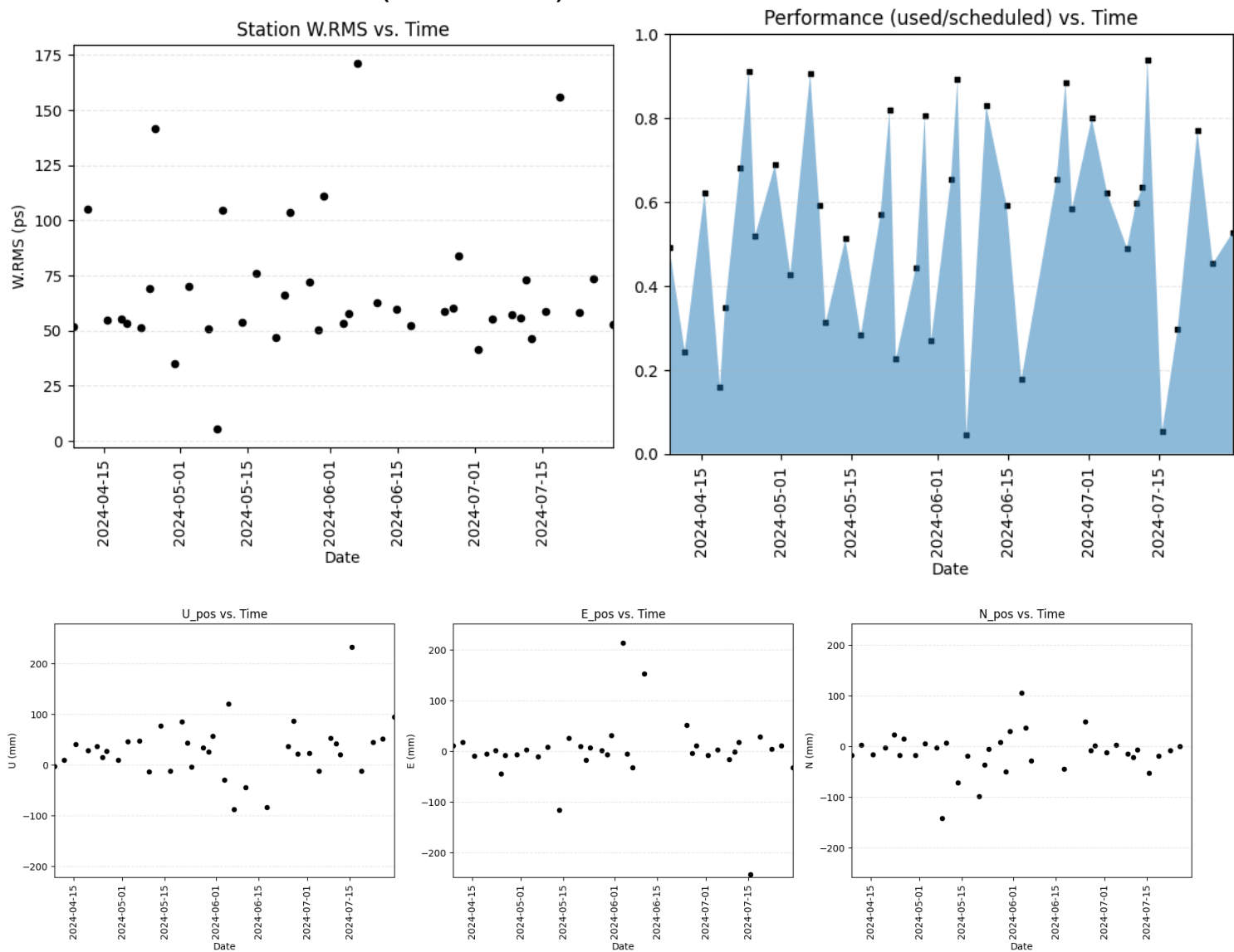


# Hb station report (2024-04-06 - 2024-10-03)

Total number of Hb sessions found in database for this time range: 44  
Total number of Hb observations across all sessions in this time range: 32875  
Median station W.RMS over period: 58.40 ps  
Median station 'Performance' (used/scheduled) over period: 0.585



# Reported issues (as extracted from correlation reports)

R11150: Observed with dual linear polarisation X,Y; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY;  
R11151: Observed with dual linear polarisation X,Y; ; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY; Polarisation swapped in S-band, fixed by polswapDIFX.py  
R11152: Observed with dual linear polarisation X,Y; Polswap in S band; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY;  
VO4115: Removed channel from fringe fitting: X07LX, X06LY, X07LY, X06LX  
R11153: Observed with dual linear polarisation X,Y; Polarsation swap in S-band; ; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY  
R41153: Minused out: 2024-124-175459 -- 2024-124-182648. Small subset of data missing at end of session. Can include in second pass.; Spurious unprocessed data between 21:00 and 05:33. Data issue, multistream file sizes differ.; Did not apply any suspected pol-swaps. Can include in second pass if incomplete data becomes available.; ; Dropped channel S04UX,S04UY,S05UX,S05UY  
R11154: Observed with dual linear polarisation X,Y; Polswap in S band; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY;  
VO4129: Removed channel from fringe fitting: X06LX, X07LY, X06LY, X17LX, X07LX, X17LY; Only 18 scans and weak fringes, vgoscf\_generate.py could not correct pc\_phases; pc\_phases pc\_delay and pc\_phase\_offset are from vo4115 session; The extracted proxy cable delay is noisy and not loaded in the vgosDB  
R11155: Observed with dual linear polarisation X,Y; Polarsation swap in S-band; SAR: 2024-134-191731; ; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY  
R41155: Minused out: 2024-138-070518 -- 2024-138-182819 (end) Major DBBC issue:  
AUA112: Did not participate - sampler hardware issues from before session were not resolved in time.  
R11156: No scans before 2101UTC due to LBA; DBBC version reconfig required after LBA; Observed with dual linear polarisation X,Y; Minused out: (start) 2024-141-170000 -- 2024-141-210444; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY;  
VO4143: Channels g,h removed from fringe fitting due to large phase; residuals, low amplitude.  
R41157: Minused out: 2024-152-010628 -- 2024-152-065447 Antenna stuck. Wind stowed.; ; Dropped channels S04UX,S04UY,S05UX,S05UY  
R11158: Observed with dual linear polarisation X,Y; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY;  
R41158: Minused out: 2024-158-222829 -- 2024-158-225400, 2024-159-001114 -- 2024-159-005225; ; Missing most Y polarization scans  
R11159: Observed with dual linear polarisation X,Y; Polarsation swap in S-band; ; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY  
R41159: Minused out. Data corrupted/incomplete files; End at 13:08  
R11160: Minused out: (start) 2024-169-170116 -- 2024-170-023359 late start 02:34; ; Polarization swap applied S band; Dropped channels S04UX,S04UY,S05UX,S05UY  
R11161: Reset DBBC: 2024-176-214753 -- 2024-177-001932; Observed with dual linear polarisation X,Y; Polarsation swap in S-band; ; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY  
VO4178: Lost antenna comm (10:55-12:00); Minused out: 2024-179-112519 -- 2024-179-114957 (end); Occasionally drop in fringe amplitude in channels g, h and m, n  
R11162: Observed with dual linear polarisation X,Y; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY;  
R41162: Total power for IF E off -30% from about 1300UT onwards; Schedule halted for last 15 mins for power cycle before next experiment; Minused out: 2024-187-181638 -- 2024-187-182827 (end); Observed with dual linear polarisation X,Y; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY;; ; Several non-detections in both bands  
R11163: Observed with dual linear polarisation X,Y; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY;  
R41163: Observed with dual linear polarisation X,Y; ; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY  
AUA114: ; Late start: 1916UT  
R41165: Minused out: (start) 2024-207-183000 -- 2024-207-183359 late start; ; Wind stowed (05:05-05:11); Dropped channels S04UX, S04UY,S05UX,S05UY  
R11166: Observed with dual linear polarisation X,Y; ; Removed channel from fringe fitting: S04UX, S04UY, S05UX, S05UY