Vorticity Residuals at 23:45 UTC

(a)

Accumulated Vorticity Residual (s^{-1})

2
1
0
−1
−2
−3
−4
−5
−6

Streamwise
Crosswise
Vertical

Vorticity Residuals at 00:00 UTC

(b)

Accumulated Vorticity Residual (s^{-1})

2
1
0
−1
−2
−3
−4
−5
−6

Streamwise
Crosswise
Vertical

Vorticity Residuals at 00:15 UTC

(c)

Accumulated Vorticity Residual (s^{-1})

2
1
0
−1
−2
−3
−4
−5
−6

Streamwise
Crosswise
Vertical

Vorticity Residuals at 00:30 UTC

(d)

Accumulated Vorticity Residual (s^{-1})

2
1
0
−1
−2
−3
−4
−5
−6

Streamwise
Crosswise
Vertical