

	change O1	change post O1	total change	units	notes
	8/13/15-1/5/16	1/5/16-9/6/16	O1 start to current		WFS effected by a loose mirror in HAM2
mc1 p	32.3	-1.3	31.0	urad	
mc1 y	51.4	-23.3	28.1	urad	
mc2 p	17.7	-10.3	7.4	urad	
mc2 y	15.0	-18.7	-3.7	urad	
mc3 p	23.1	-1.2	21.9	urad	
mc3 y	28.0	-1.3	26.7	urad	
wfsa p	0.055			normalized qpd	total drift (drift – jumps)
wfsa y	0.254			normalized qpd	total drift (drift – jumps)
wfsb p	0.210			normalized qpd	total drift (drift – jumps)
wfsb y	0.359			normalized qpd	total drift (drift – jumps)
im1 p	-11.7	2.2	-9.6	urad	
im1 y	6.5	-0.8	5.8	urad	
im2 p	-10.5	18.6	8.1	urad	
im2 y	13.7	6.8	20.5	urad	
im3 p	-2.4	22.3	20.0	urad	
im3 y	-68.8	-42.5	-111.2	urad	
im4 p	20.9	-33.6	-12.7	urad	
im4 y	-24.7	17.6	-7.1	urad	
im4t p	-0.273	-0.109	-0.382	normalized qpd	
im4t y	0.022	0.027	0.049	normalized qpd	
iss2 p	0.736	-0.182	0.554	normalized qpd	
iss2 y	0.435	0.744	1.179	normalized qpd	
prm p	3.0	-56.3	-53.3	urad	
prm y	3.3	-35.5	-32.2	urad	
rm1 p	-13.4	-8.0	-21.4	urad	
rm1 y	9.8	45.7	55.5	urad	
rm2 p	20.5	131.5	152.0	urad	
rm2 y	-38.0	-45.0	-83.0	urad	
pr2 p	-11.5	-57.1	-68.6	urad	
pr2 y	-56.0	-58.8	-114.8	urad	

red = more than 100urad, or more than 0.5 normalized qpd units

blue = more than 50urad, or more than 0.25 normalized qpd units