

Telescope	ESO 360
Year	2009
Period	(All)

Instrument	Data	Month												Grand Total	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
CES	Offered Science Time [hrs]														
	Technical Test Time														
	Shutter Time														
	Down Time														
	Bad Weather														
EFOSC II	Offered Science Time [hrs]														
	Technical Test Time														
	Shutter Time														
	Down Time														
	Bad Weather														
HARPS	Offered Science Time [hrs]	173.9	203.5	254.7	270.6	243.6	304.7	267.6	306.1	244.2					2268.9
	Technical Test Time	49.4	23.8	28.1	29.3	85.5	21.7	65.2	10.2	38.3					351.4
	Shutter Time	164.7	171.5	227.5	245.5	168.2	209.0	161.1	193.2	214.7					1755.4
	Down Time	0.5	2.5	0.0	0.0	2.4	0.5	3.0	5.5	1.2					15.6
	Bad Weather	0.0	0.6	3.5	0.0	72.3	57.8	67.0	86.4	26.4					313.9
SPECIAL	Offered Science Time [hrs]	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					11.2
	Technical Test Time														
	Shutter Time														
	Down Time														
	Bad Weather														
TIMMI 2	Offered Science Time [hrs]														
	Technical Test Time														
	Shutter Time														
	Down Time														
	Bad Weather														
(blank)	Offered Science Time [hrs]														
	Technical Test Time														
	Shutter Time														
	Down Time														
	Bad Weather														
Total	Offered Science Time [hrs]	173.9	203.5	254.7	270.6	243.6	304.7	267.6	306.1	244.2					2268.9
	Technical Test Time	49.4	23.8	28.1	29.3	85.5	21.7	65.2	10.2	38.3					351.4
	Shutter Time	164.7	171.5	227.5	245.5	168.2	209.0	161.1	193.2	214.7					1755.4
	Down Time	0.5	2.5	0.0	0.0	2.4	0.5	3.0	5.5	1.2					15.6
	Bad Weather	0.0	0.6	3.5	0.0	72.3	57.8	67.0	86.4	26.4					313.9
	Service Mode	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					11.2
	Total Offered Time [hrs]	223.3	227.3	282.8	299.9	329.0	326.5	332.8	316.4	282.4	0.0	0.0	0.0		2620.3
	Total Engineering Time [%]	22.1	10.5	9.9	9.8	26.0	6.7	19.6	3.2	13.5	#DIV/0!	#DIV/0!	#DIV/0!		13.4
	Total Science Time [%]	77.9	89.5	90.1	90.2	74.0	93.3	80.4	96.8	86.5	#DIV/0!	#DIV/0!	#DIV/0!		86.6
	Total Shutter Time	94.7	84.2	89.3	90.7	69.1	68.6	60.2	63.1	87.9	#DIV/0!	#DIV/0!	#DIV/0!		77.4
	Total Down Time	0.3	1.2	0.0	0.0	1.0	0.2	1.1	1.8	0.5	#DIV/0!	#DIV/0!	#DIV/0!		0.7
	Total Bad Weather	0.0	0.2	1.2	0.0	22.0	17.7	20.1	27.3	9.3	#DIV/0!	#DIV/0!	#DIV/0!		12.0
	Total Service Mode	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!		0.5
	Total HARPS [%]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	#DIV/0!	#DIV/0!	#DIV/0!		100.0
	Total EFOSC II [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!		0.0
Total CES [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!		0.0	
Total SPECIAL [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!		0.0	
Total TIMMI2 [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!		0.0	

Telescope	ESO NTT
Year	2009
Period	(All)

Instrument	Data	Month												Grand Total	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
EFOSC	Offered Science Time [hrs]	123.4	97.8	161.3	218.3	215.9	1.5	130.3	202.0	176.2					1326.5
	Technical Test Time	0.0	12.1	32.1	27.8	0.0	0.0	68.8	20.6	9.8					171.2
	Shutter Time	91.5	74.3	115.5	129.6	107.1	0.9	58.4	103.4	102.4					783.0
	Down Time	0.0	0.9	0.0	0.0	0.0	0.0	4.2	1.0	1.5					7.6
	Bad Weather	0.0	0.2	4.6	0.0	53.9	0.0	66.3	42.1	19.7					186.8
EMMI	Offered Science Time [hrs]	1.0	2.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0					4.6
	Technical Test Time														
	Shutter Time														
	Down Time														
	Bad Weather														
SOFI	Offered Science Time [hrs]	38.8	65.3	52.2	22.4	110.9	86.0	105.2	93.9	96.5					671.0
	Technical Test Time	0.0	5.3	10.2	1.7	0.0	4.4	28.6	0.0	0.0					50.1
	Shutter Time	24.7	44.9	48.1	11.2	44.5	66.3	56.9	32.0	61.5					390.0
	Down Time	0.0	0.0	0.0	0.0	1.9	1.3	0.5	0.8	4.0					8.5
	Bad Weather	0.0	0.0	0.0	0.0	26.2	0.0	37.9	48.1	15.2					127.4
SPECIAL	Offered Science Time [hrs]	4.5	2.9	0.0	0.0	0.0	0.7	0.0	0.0	0.0					8.1
	Technical Test Time	58.5	46.4	27.0	29.8		234.6								396.3
	Shutter Time	2.7	0.0	0.0	0.0		0.0								2.7
	Down Time	60.3	43.2	18.0	29.8		156.7								308.0
	Bad Weather	0.8	0.0	0.0	0.0		0.0								0.8
SUSI 2	Offered Science Time [hrs]	0.0	3.3	0.0	0.0		77.9								81.1
	Technical Test Time	0.0	0.0	0.0	0.0		0.0								0.0
	Shutter Time														
	Down Time														
	Bad Weather														
Total	Offered Science Time [hrs]	220.6	209.5	240.5	270.5	326.8	322.1	235.4	295.8	272.7					2393.7
	Technical Test Time	2.7	17.5	42.3	29.5	0.0	4.4	97.4	20.6	9.8					224.0

Total Shutter Time	176.5	162.4	181.6	170.5	151.5	223.9	115.4	135.4	164.0							1481.0
Total Down Time	0.8	0.9	0.0	0.0	1.9	1.3	4.7	1.8	5.5							16.9
Total Bad Weather	0.0	3.4	4.6	0.0	80.2	77.9	104.2	90.2	34.9							395.3
Total Service Mode	5.5	5.7	0.0	0.0	0.0	1.5	0.0	0.0	0.0							12.6
Total Offered Time [hrs]	223.3	226.9	282.8	299.9	326.8	326.5	332.8	316.4	282.4	0.0	0.0	0.0				2617.7
Total Engineering Time [%]	1.2	7.7	15.0	9.8	0.0	1.3	29.3	6.5	3.5	#DIV/0!	#DIV/0!	#DIV/0!				8.6
Total Science Time [%]	98.8	92.3	85.0	90.2	100.0	98.7	70.7	93.5	96.5	#DIV/0!	#DIV/0!	#DIV/0!				91.4
Total Shutter Time	80.0	77.5	75.5	63.0	46.4	69.5	49.0	45.8	60.1	#DIV/0!	#DIV/0!	#DIV/0!				81.9
Total Down Time	0.4	0.4	0.0	0.0	0.6	0.4	2.0	0.9	2.0	#DIV/0!	#DIV/0!	#DIV/0!				0.7
Total Bad Weather	0.0	1.5	1.6	0.0	24.5	23.9	31.3	28.5	12.3	#DIV/0!	#DIV/0!	#DIV/0!				15.1
Total Service Mode	2.5	2.7	0.0	0.0	0.0	0.5	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!				0.5
Total SOFI [%]	17.4	31.1	22.1	8.0	33.9	27.7	40.2	29.7	34.2	#DIV/0!	#DIV/0!	#DIV/0!				27.5
Total EFOSC [%]	55.3	48.5	68.4	82.0	66.1	0.5	59.8	70.3	65.8	#DIV/0!	#DIV/0!	#DIV/0!				57.2
Total SPECIAL [%]	27.4	20.4	9.5	9.9	0.0	71.9	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!				15.2
Total EMMI [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!				0.0
Total SUSI2 [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!				0.0
Telescope	ESO/MPI 220															
Year	2009															
Period	(All)															

Instrument	Data	Month												Grand Total		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
FEROS	Offered Science Time [hrs]	78.8	138.3	130.6	117.3	176.5	124.7	186.5	192.6	40.8						1186.1
	Technical Test Time	0.0	3.9	14.0	0.0	20.9	0.0	2.2	2.7	0.9						44.6
	Shutter Time	73.6	118.0	106.1	100.9	106.1	99.1	108.9	117.2	24.0						853.9
	Down Time	0.5	0.6	2.3	0.0	0.0	3.1	9.1	0.7	0.0						16.3
	Bad Weather	0.0	0.5	0.0	0.0	60.1	1.7	40.6	80.0	10.7						193.5
	Service Mode	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0						3.4
GROND	Offered Science Time [hrs]	84.5	6.1	31.1	123.3	35.6	53.1	3.7	66.5	179.1						582.9
	Technical Test Time	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.5	0.0						3.1
	Shutter Time	84.5	6.1	26.5	123.3	36.3	49.8	3.7	66.5	163.7						560.4
	Down Time	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.4						1.4
	Bad Weather	0.0	0.0	0.0	0.0	1.0	3.3	0.0	0.0	13.3						17.5
	Service Mode	0.0	0.0	6.8	0.0	2.8	0.0	0.0	0.0	0.0						9.6
WFI	Offered Science Time [hrs]	59.4	74.6	80.4	59.3	94.3	141.2	61.7	23.0	48.1						641.9
	Technical Test Time	0.6	4.5	26.6	0.0	0.0	0.0	78.7	5.3	8.3						123.9
	Shutter Time	29.1	59.2	62.1	31.2	37.5	57.0	25.0	10.4	24.3						335.9
	Down Time	0.5	1.7	1.0	0.6	0.5	8.2	0.0	0.0	1.0						13.5
	Bad Weather	0.0	0.2	3.9	0.0	10.4	52.8	25.6	1.1	0.5						94.5
	Service Mode	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
(blank)	Offered Science Time [hrs]															
	Technical Test Time															
	Shutter Time															
	Down Time															
	Bad Weather															
	Service Mode															
Total Offered Science Time [hrs]	222.7	218.9	242.1	299.9	306.5	319.0	251.9	282.0	268.0							2411.0
Total Technical Test Time	0.6	8.4	40.6	0.0	21.6	0.0	80.9	10.5	9.2							171.7
Total Shutter Time	187.2	183.3	194.8	255.4	179.9	206.0	137.6	194.1	212.0							1750.2
Total Down Time	1.0	2.3	4.3	0.6	0.5	11.3	9.1	0.7	1.4							31.2
Total Bad Weather	0.0	0.7	3.9	0.0	71.5	57.8	66.2	81.1	24.5							305.5
Total Service Mode	0.0	0.0	10.2	0.0	2.8	0.0	0.0	0.0	0.0							13.0
Total Offered Time [hrs]	223.3	227.3	282.7	299.9	328.1	319.0	332.8	292.5	277.2	0.0	0.0	0.0				2582.7
Total Engineering Time [%]	0.3	3.7	14.4	0.0	6.6	0.0	24.3	3.6	3.3	#DIV/0!	#DIV/0!	#DIV/0!				6.6
Total Science Time [%]	99.7	96.3	85.6	100.0	93.4	100.0	75.7	96.4	96.7	#DIV/0!	#DIV/0!	#DIV/0!				93.4
Total Shutter Time	84.0	83.7	80.4	85.2	58.7	64.6	54.6	68.8	79.1	#DIV/0!	#DIV/0!	#DIV/0!				72.6
Total Down Time	0.4	1.1	1.8	0.2	0.2	3.5	3.6	0.2	0.5	#DIV/0!	#DIV/0!	#DIV/0!				1.3
Total Bad Weather	0.0	0.3	1.4	0.0	21.8	18.1	19.9	27.7	8.8	#DIV/0!	#DIV/0!	#DIV/0!				11.8
Total Service Mode	0.0	0.0	4.2	0.0	0.9	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!				0.5
Total FEROS [%]	35.3	62.6	51.2	39.1	60.2	39.1	56.7	66.8	15.1	#DIV/0!	#DIV/0!	#DIV/0!				47.7
Total WFI [%]	26.8	34.8	37.9	19.8	28.8	44.3	42.2	9.7	20.3	#DIV/0!	#DIV/0!	#DIV/0!				29.7
Total GROND[%]	37.9	2.7	11.0	41.1	11.1	16.6	1.1	23.6	64.6	#DIV/0!	#DIV/0!	#DIV/0!				22.7