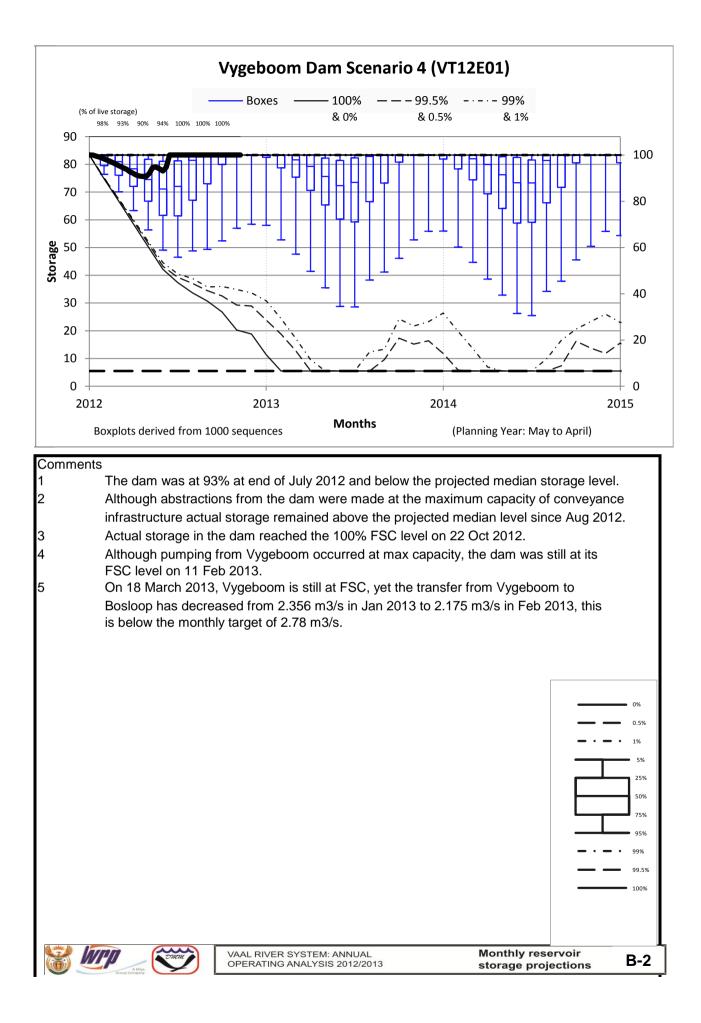


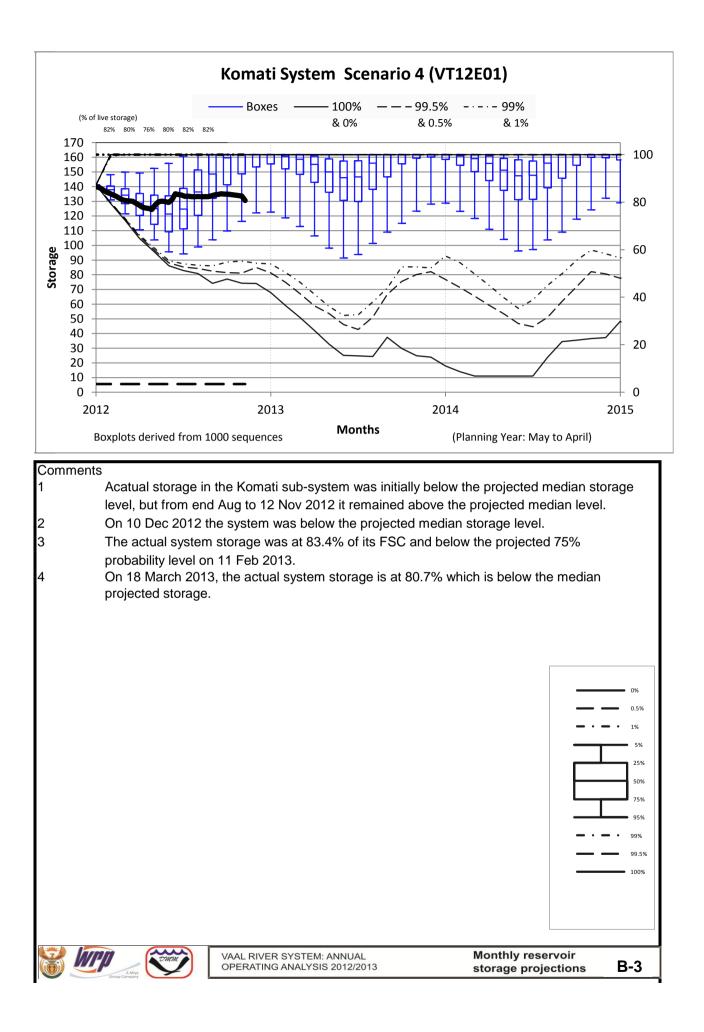
Although transfers through the Usutu-Komati link commenced one month sooner than simulated, actual transfers up to the end of Oct 2012 are 4 million m³ less than the cumulative target transfers for the same period causing actual storage levels to be lower. Actual storage levels followed the worst sequence trajectory up to the end of June 2012. 2 3 During Jul, Aug and Sep 2012 actual storage levels were above the projected median levels. 4 On 12 Nov 2012 the actual storage was at about 64% of the FSC and just below the projected median storage level. On 11 Feb 2013 the actual storage was at about 66% of the FSC and below the projected 5 6 On 18 March 2013, actual storage is at 60.21%, this is below the "worst" projected sequence. Transfers from Jericho to Nooitgedacht have decreased from 0.874 m3/s in Jan 2013 to 0.868 m3/s in Feb 2013 and is below the monthly target of 1.331 m3/s. Transfers from Nooitgedacht to Klipfontein have also increased from 0.735 m3/s in Jan 2013 to 0.935 m3/s in Feb 2013 but is slightly below the monthly target of 1.06 m3/s. 0.5% 1% 95% probability level. At end Jan 2013 only 31% of the target volume 5% had been transferred from the Usutu to Nooitgedacht Dam. 25% 50% 75%

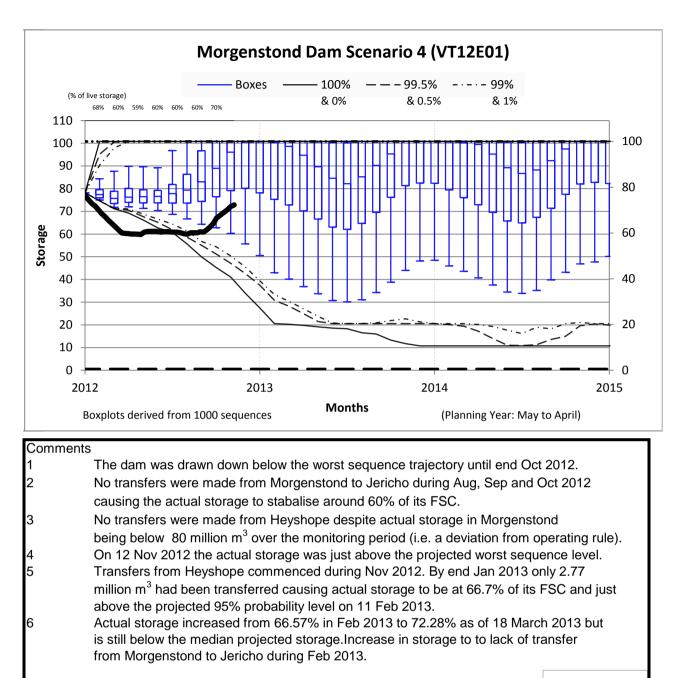
Monthly reservoir storage projections

B-1

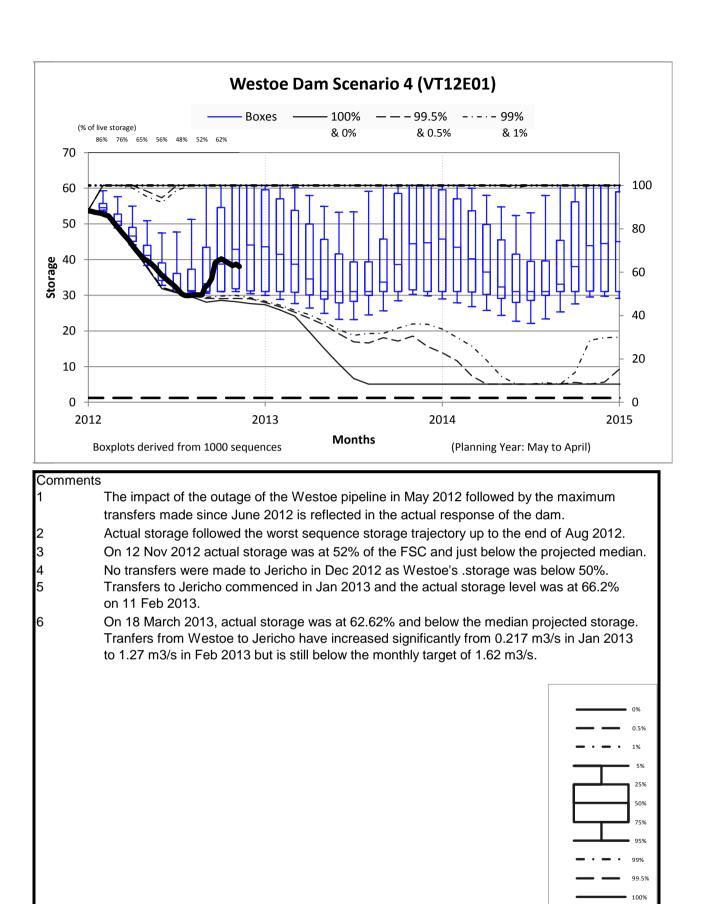
99% 99.5%





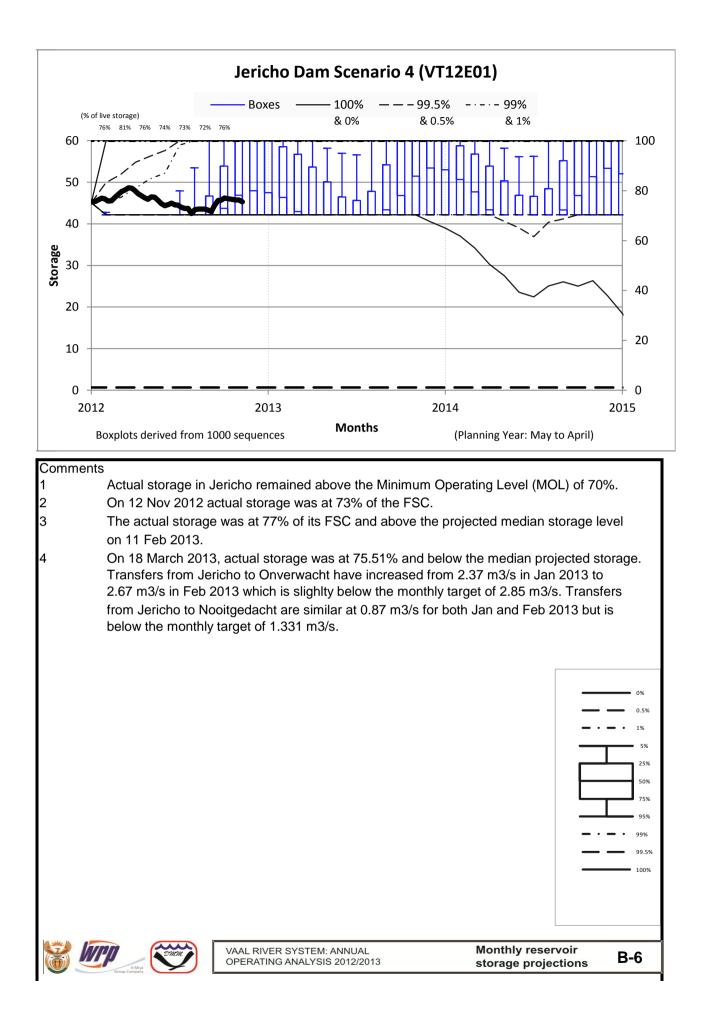


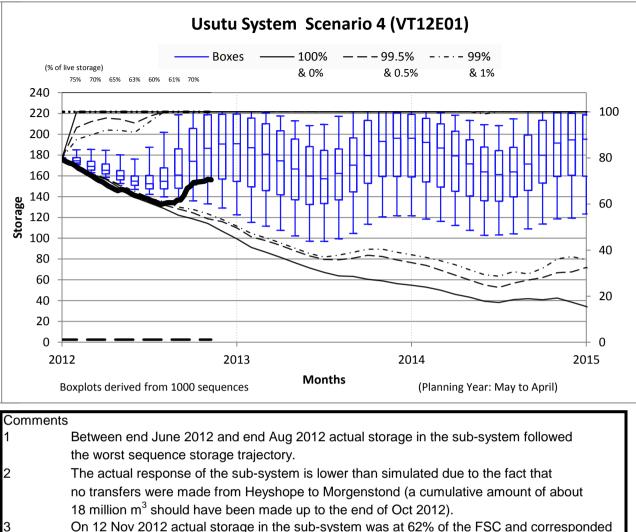
WALL RIVER SYSTEM: ANNUAL VALL RIVER SYSTEM: ANNUAL VALL RIVER SYSTEM: ANNUAL VALL RIVER SYSTEM: ANNUAL Monthly reservoir storage projections B-4



VAAL RIVER SYSTEM: ANNUAL OPERATING ANALYSIS 2012/2013 Monthly reservoir storage projections

B-5

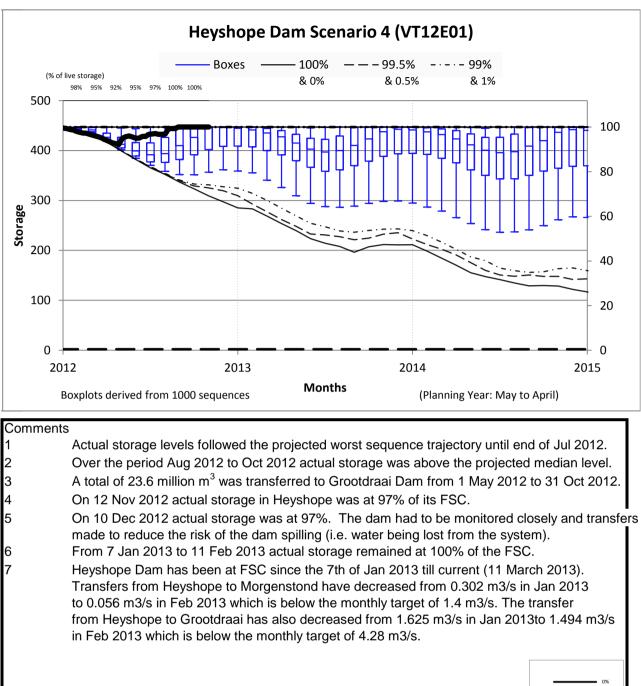


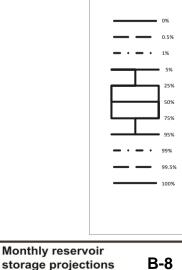


- On 12 Nov 2012 actual storage in the sub-system was at 62% of the FSC and corresponded to the projected 99.5% exceedance probability level.
- The actual system storage was at 69.3% on 11 Feb 2013. 4
- 5 On 18 March 2013, actual storage was at 70.15% which is below the projected median storage

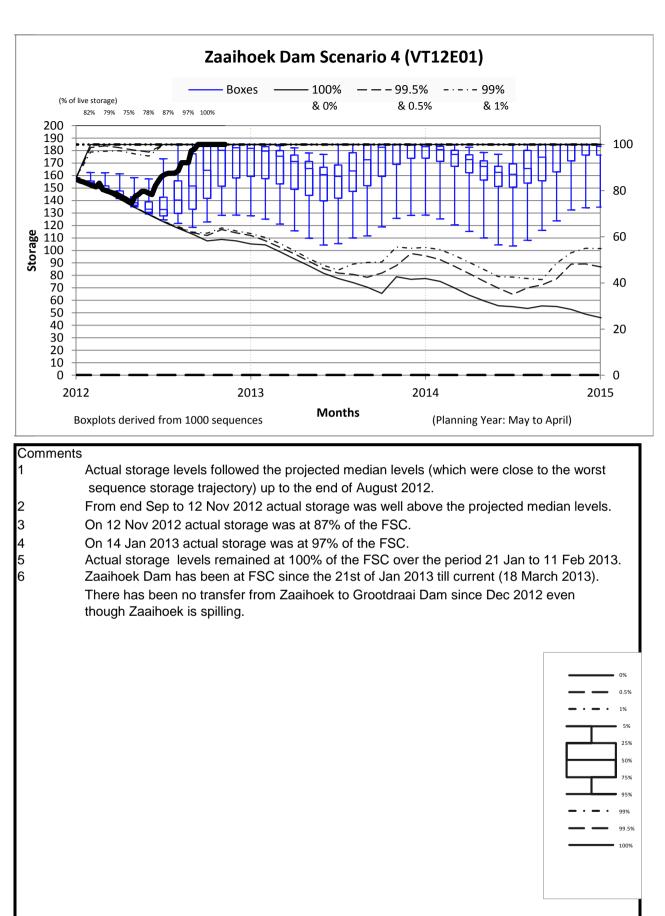
VAAL RIVER SYSTEM: ANNUAL Monthly reservoir **B-7** OPERATING ANALYSIS 2012/2013 storage projections

0.5% 1% 5% 25% 50% 75% 95% 99% 99.5% 100%

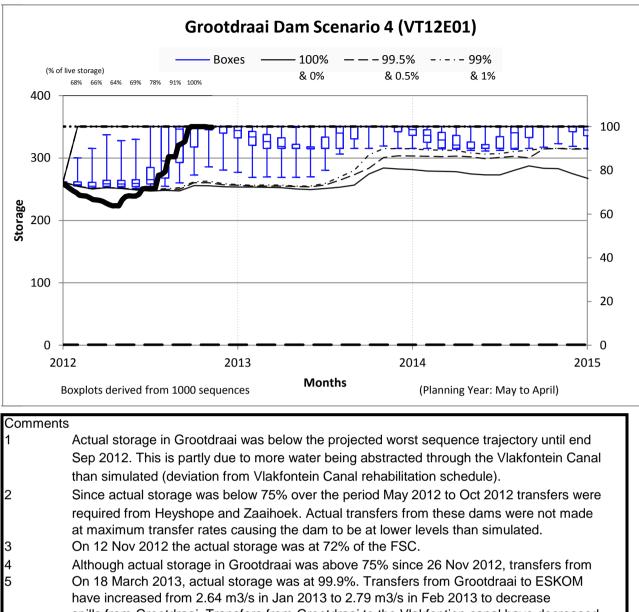




VAAL RIVER SYSTEM: ANNUAL OPERATING ANALYSIS 2012/2013

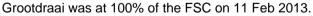


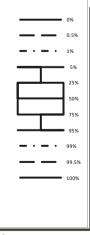




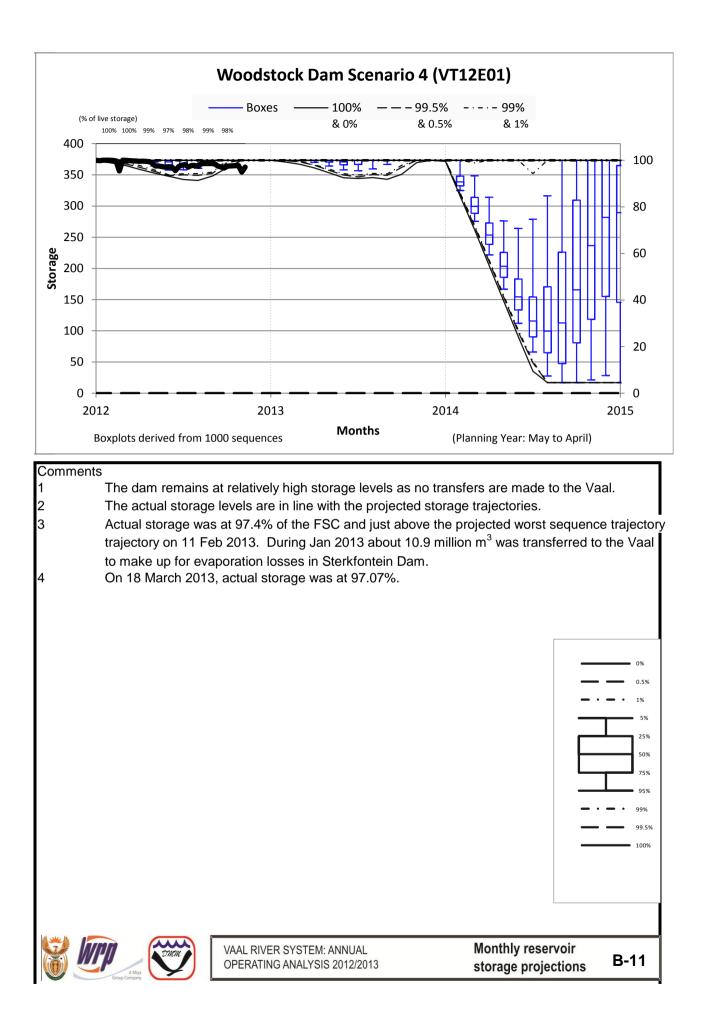
spills from Grootdraai. Transfers from Grootdraai to the Vlakfontien canal have decreased from 2.76 m3/s in Jan 2013 to 0.127 m3/s in Feb 2013 which is below the monthly target of 1.07 m3/s

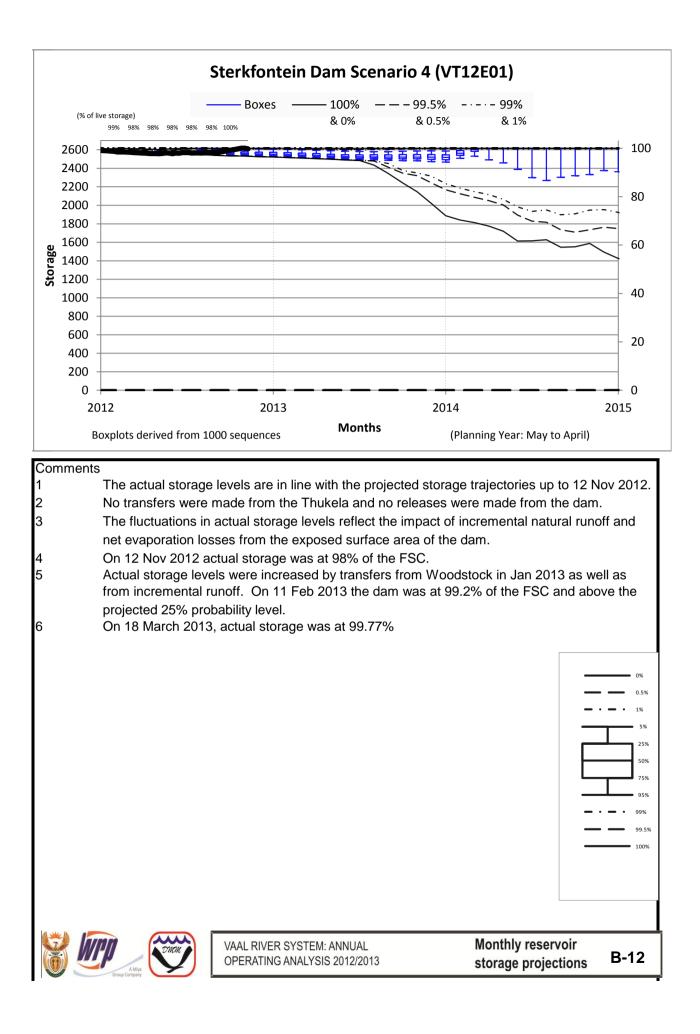
Heyshope continued during Dec 2012 and Jan 2013 due to the risk of Heyshope spilling.

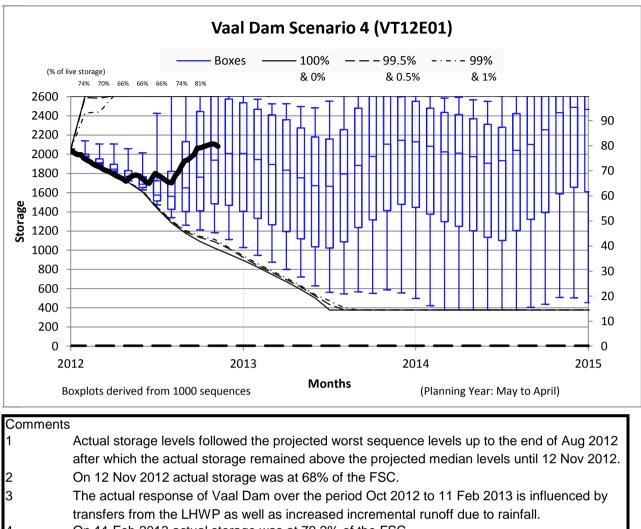




VAAL RIVER SYSTEM: ANNUAL OPERATING ANALYSIS 2012/2013 Monthly reservoir storage projections B-10



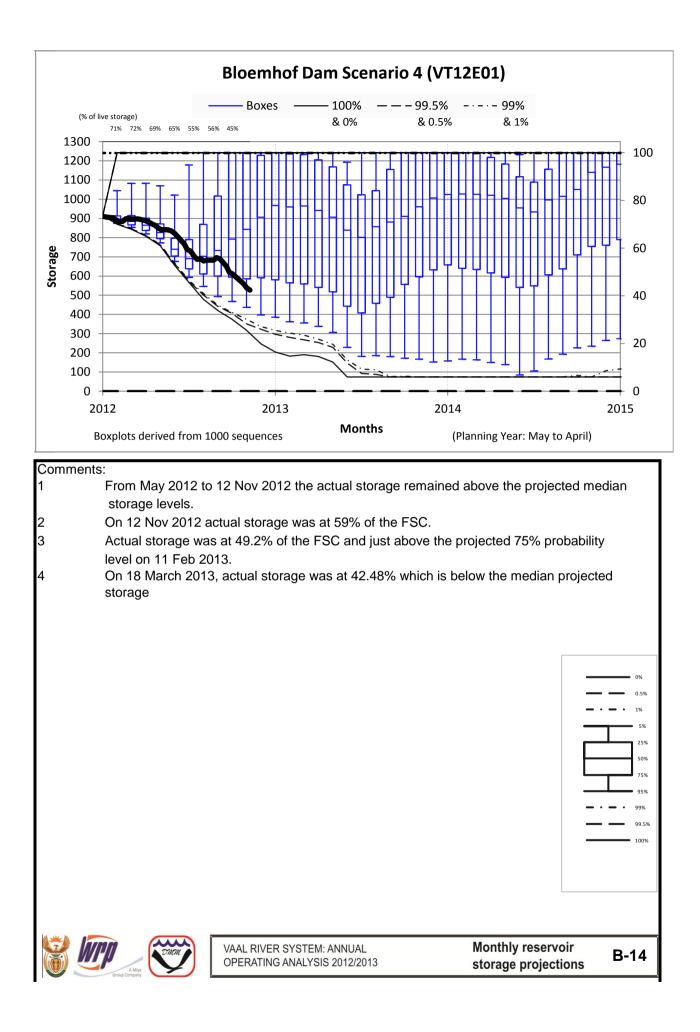


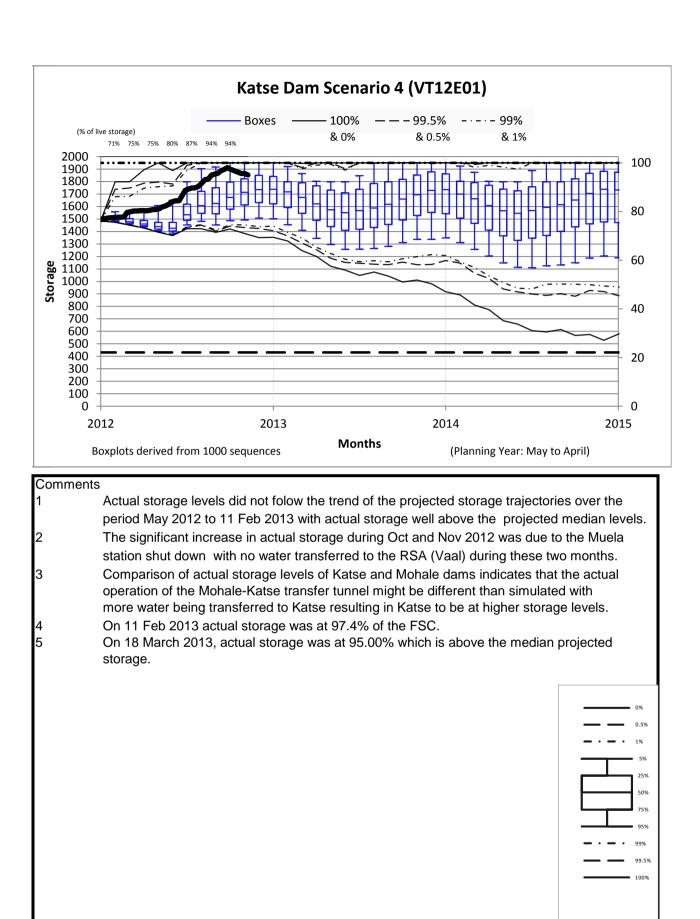


- 4 On 11 Feb 2013 actual storage was at 79.2% of the FSC.
- 5 On 18 March 2013, actual storage was at 79.77% which is above the median projected storage. Decrease in transfer from Vaal Dam to Knoppiesfontein from 2.97 m3/s in Jan 2013 to 2.69 m3/s in Feb 2013 and is also below the monthly target of 5.07 m3/s.

VAAL RIVER SYSTEM: ANNUAL OPERATING ANALYSIS 2012/2013

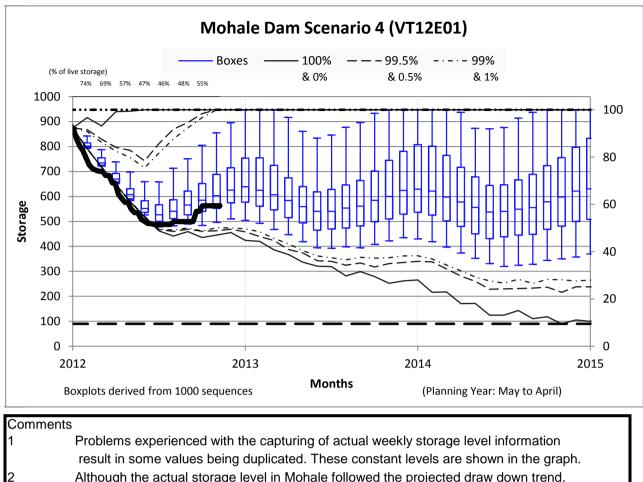
			0%
	_	—	0.5%
	— ·	- ·	1%
		-	5%
			25%
			50%
			75%
			95%
	— ·	- ·	99%
		—	99.5%
			100%
Monthly reserve	oir		
storage projections		B-13	





VAAL RIVER SYSTEM: ANNUAL OPERATING ANALYSIS 2012/2013

Monthly reservoir storage projections B-15



2 Although the actual storage level in Mohale followed the projected draw down trend, it was below the projected worst sequence trajectory until the end of Sep 2012.

- 3 During Oct, Nov and Dec 2012 the actual storage remained reasonably constant as no transfers were made to the RSA (Vaal) during Oct and Nov 2012.
- 4 Comparison of actual storage levels of Katse and Mohale dams indicates that the actual operation of the Mohale-Katse transfer tunnel might be different than simulated with more water being transferred to Katse resulting in Mohale to be at lower storage levels.
- 5 Mohale Dam remains at 59.44% storage for both Jan and Feb 2013, this is below the median projected storage.

0% 0.5% 0.5% 0.5% 25% 50% 75% 95% 99% 99% 99.5%

VAAL RIVER SYSTEM: ANNUAL OPERATING ANALYSIS 2012/2013

Monthly reservoir storage projections B-16

