

KPF 2022 OBE Update W/E 23rd October 2022

- Flows at Torrumbarry have reached 55,000ML/d which exceed 2016, 2010 & 1996 event peaks
- Inflows to K-P Forest continue upstream of Torrumbarry weir, the Offtake regulator gates are overtopping
- Exit flows from K-P Forest continue to rise, Thule Ck 4,000ML/d, Barbers Ck system (10,500ML/d)
- Flow-through occurring at Thule Lagoons, flows exiting K-P Forest passing through the lagoons to join Thule Ck, depth continues to rise at the Thule Lagoons regulator
- DO levels continue to fall; Murray River at Barham below <4mg/l, K-P Forest exit flows; Thule Ck <2mg/l, Barbers Ck Reg 0.5mg/l.
- Refuge flows continue at Thule, Wakool, Yarraman, Niemur, Mallan, Mascot, Bunaloo & Yallakool escapes.

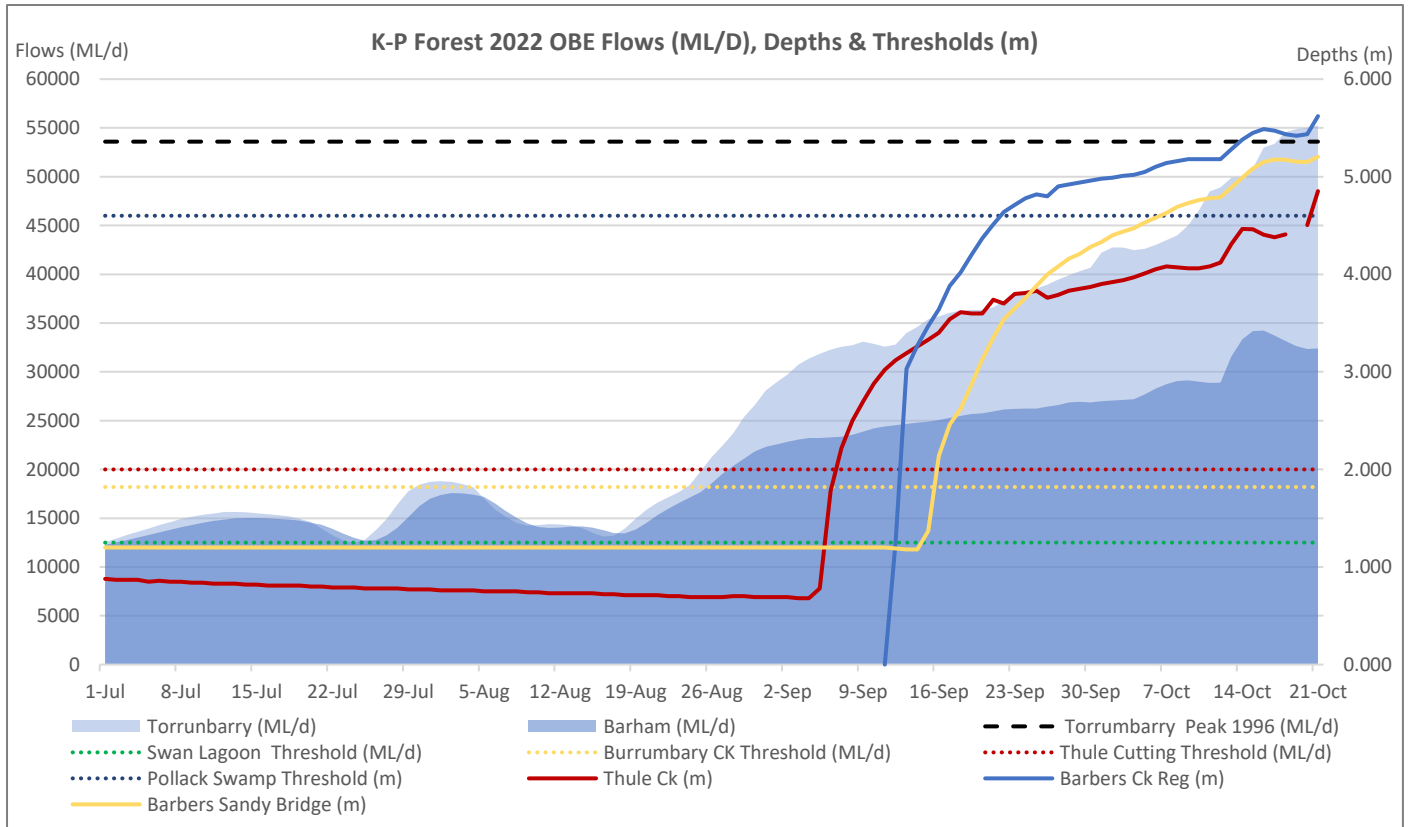


Figure 1: Hydrograph showing Murray River flows (ML/d), KPF inflow thresholds (ML/d), and exit flows via Thule and Barbers Ck system (m)

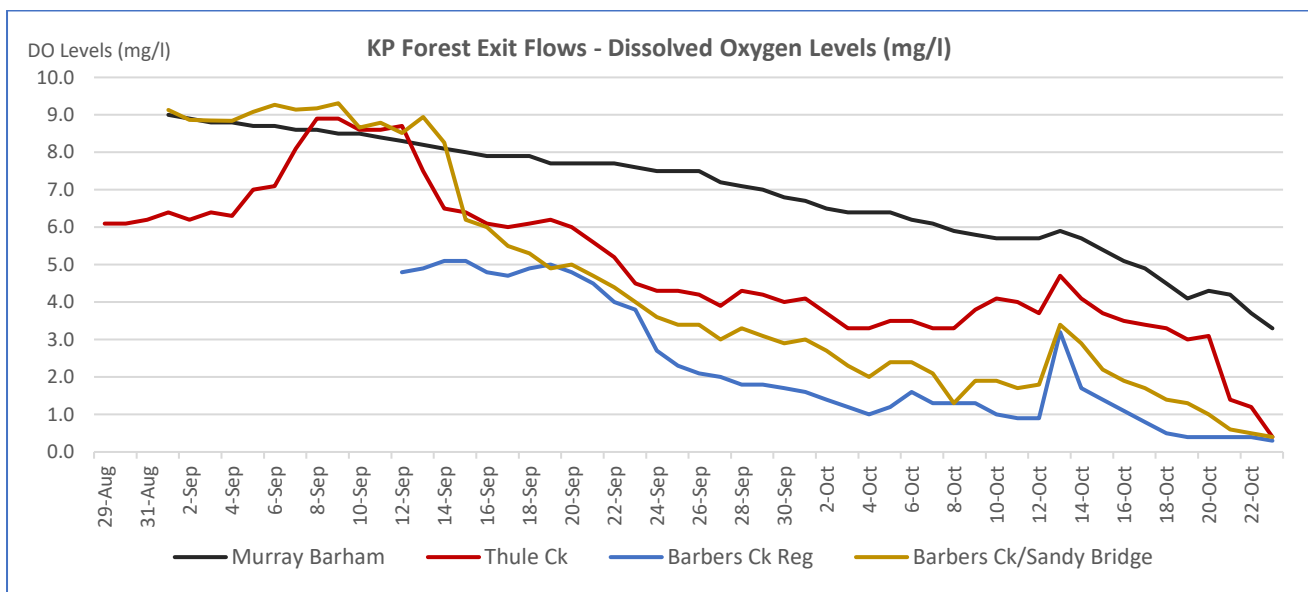


Figure 2: K-P Forest exit flow dissolved oxygen levels (mg/l)

K-P Forest OBE October 17th (SentinelHub 2022)

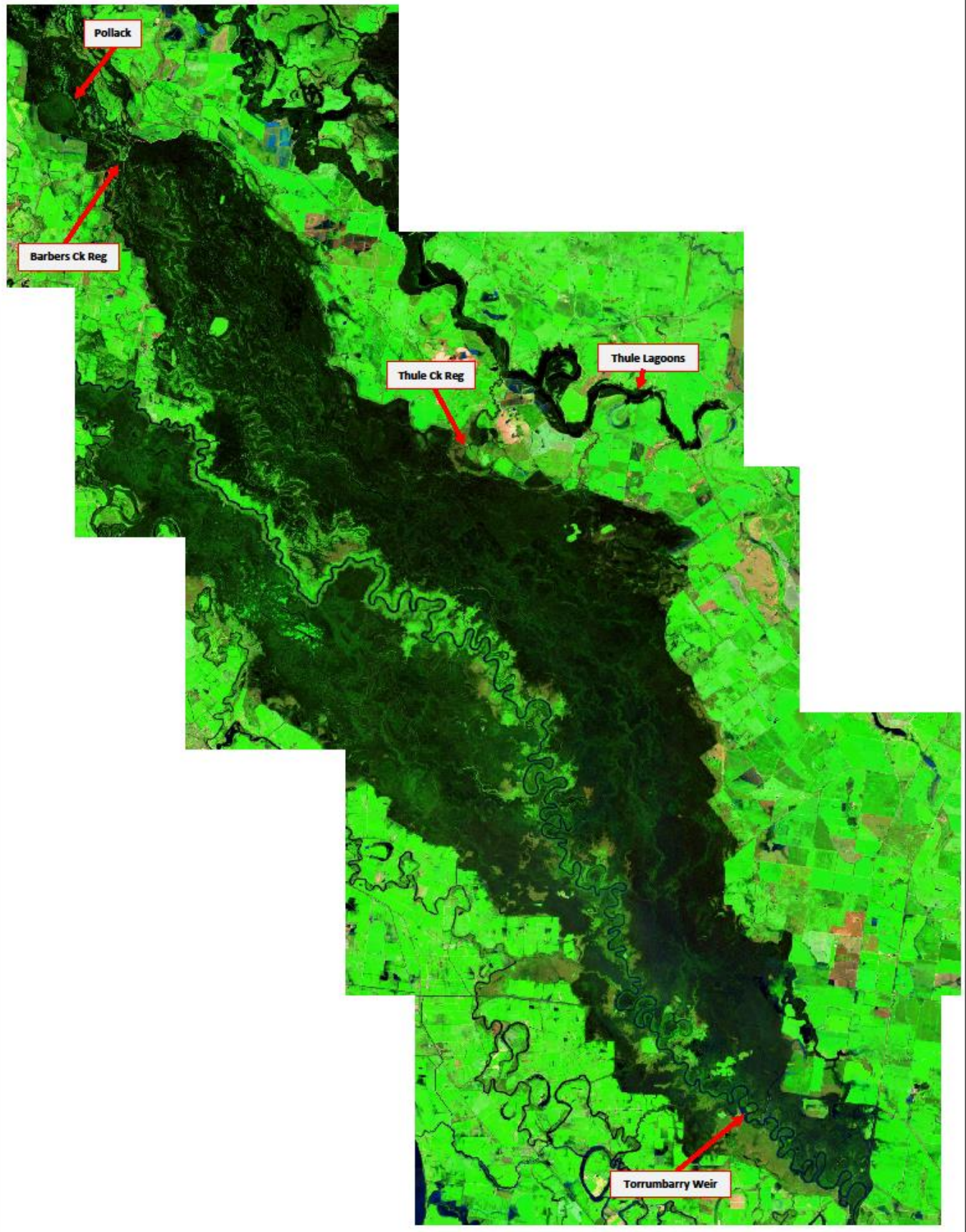


Figure 3: Sentinel Landsat image 17th October

Data collated from <https://livedata.mdba.gov.au/system-view> <https://realtimedata.watersw.com.au/> <https://www.sentinel-hub.com/explore/sentinelplayground/> and Forestry & community observations.





Figure 4: Barbers Ck regulator showing the water level (5.816m) above to 2016 water stain mark



Figure 5: View north over Barbers Ck regulator to Cow Ck regulator top centre, Moulamein/Barham Road top left to centre and Koondrook Forest to the right.

