(a) RMSE [m] 0.6

Water level [m]

In situ S3A CS2

(b) NRMSE: 0.09 RMSE [km^3] 0.173 CC 0.92

RWSC [km^3]

OBS SAT

(c) KGE calibration: 0.69

Inflow [m^3/s]

OBS Simulated

(d) KGE valibration: 0.68

Inflow [m^3/s]

OBS Simulated

(e) KGE [–] 0.95 NRMSE [–] 0.04 RMSE [km^3] 0.33 CC [–] 0.97

Outflow [km^3]

OBS Simulated

(f) Simulated reservoir inflow and outflow

Streamflow [km^3]

SimOutflow SimInflow