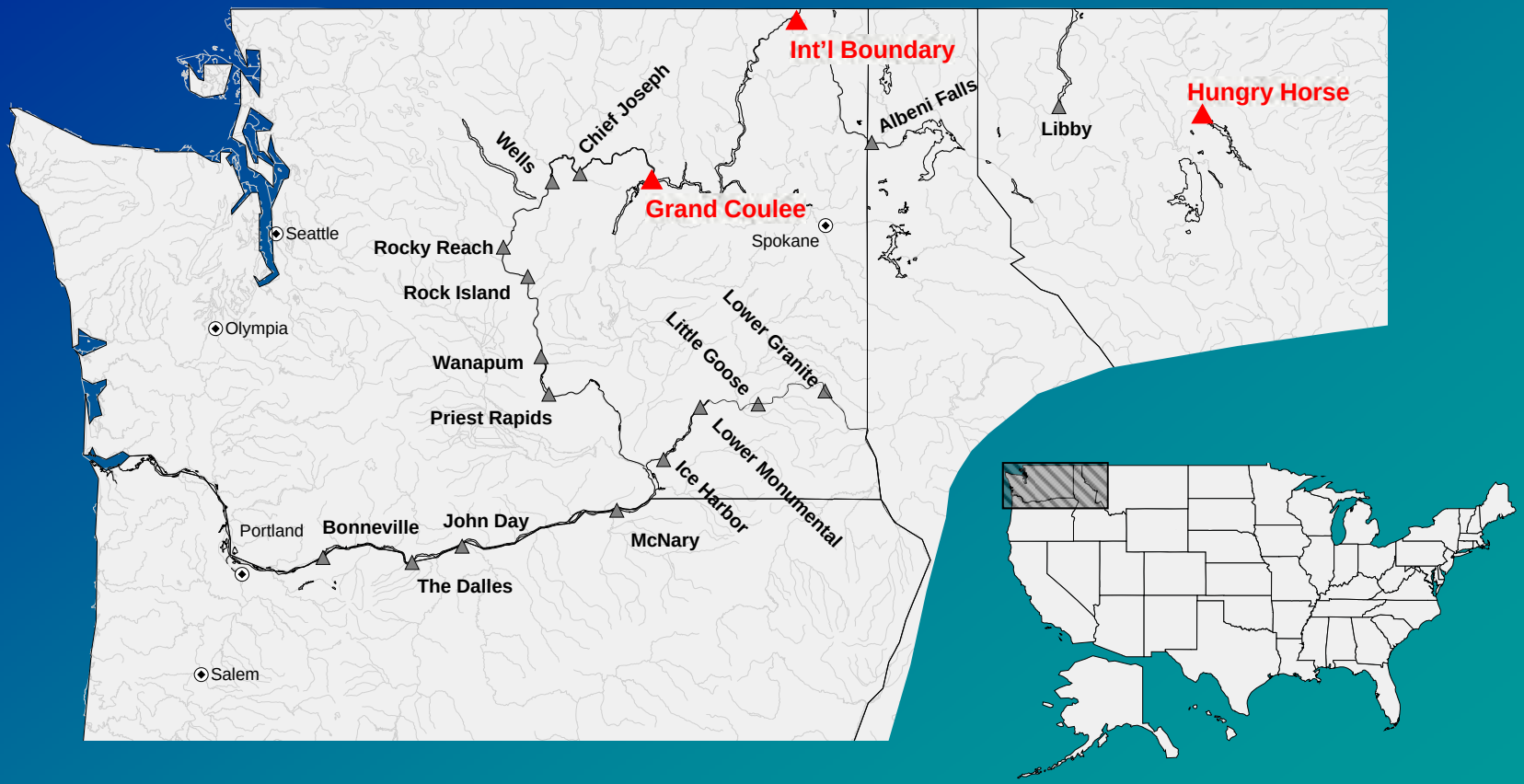
US Bureau of Reclamation Total Dissolved Gas Fixed Monitoring System 2010

Upper Columbia Basin TDG Monitoring Locations

	Grand Coulee	Hungry Horse
Drainage Area:	74,700 sq mi	1654 sq mi
Normal Full Pool:	1290.0 ft MSL	3560.0 ft MSL
No. Main Units:	24	4
Hydraulic Capacity:	280,000 cfs	8,900 cfs

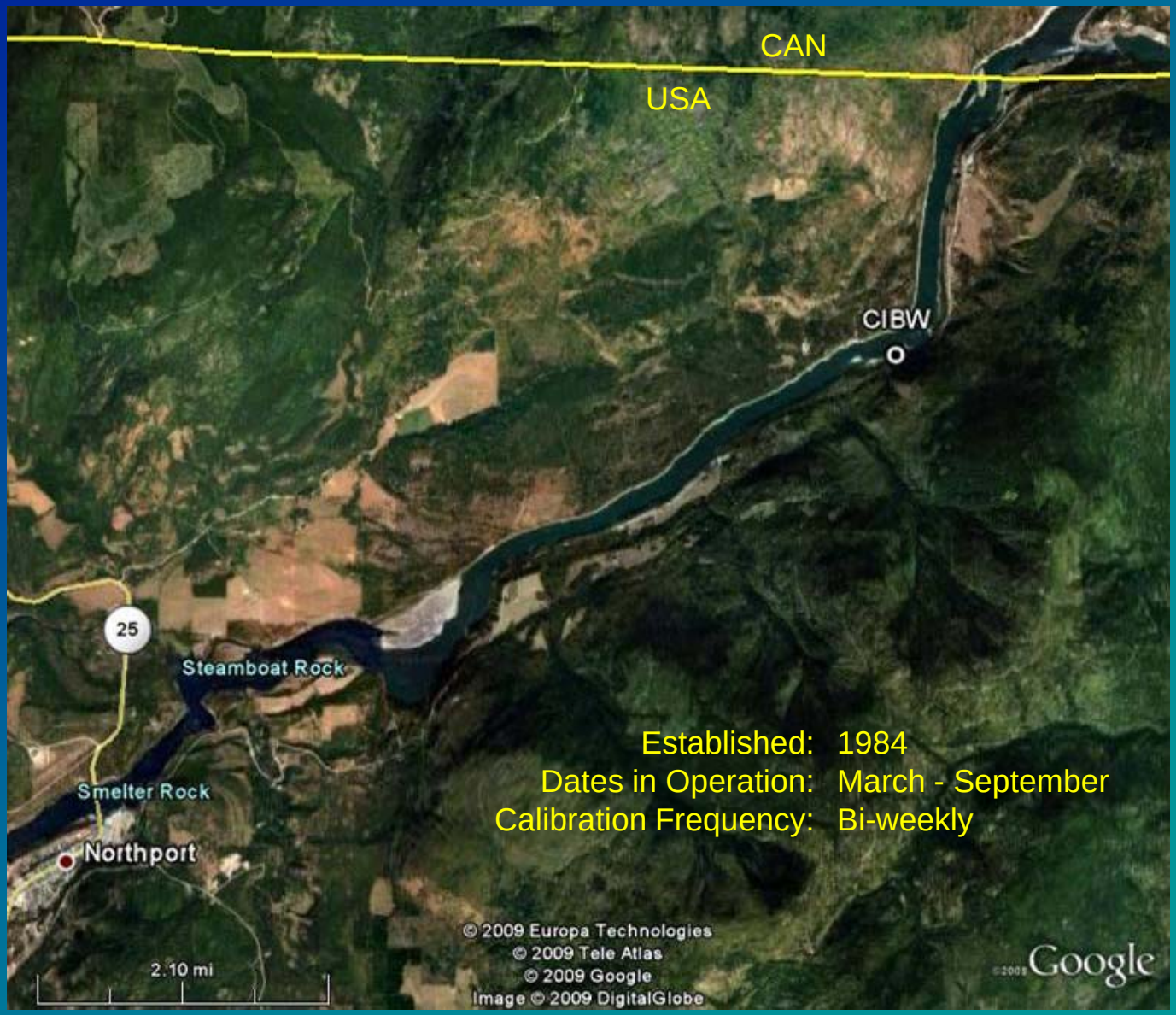


Hungry Horse Dam TDG Monitor

Lake Roosevelt TDG Monitoring Locations

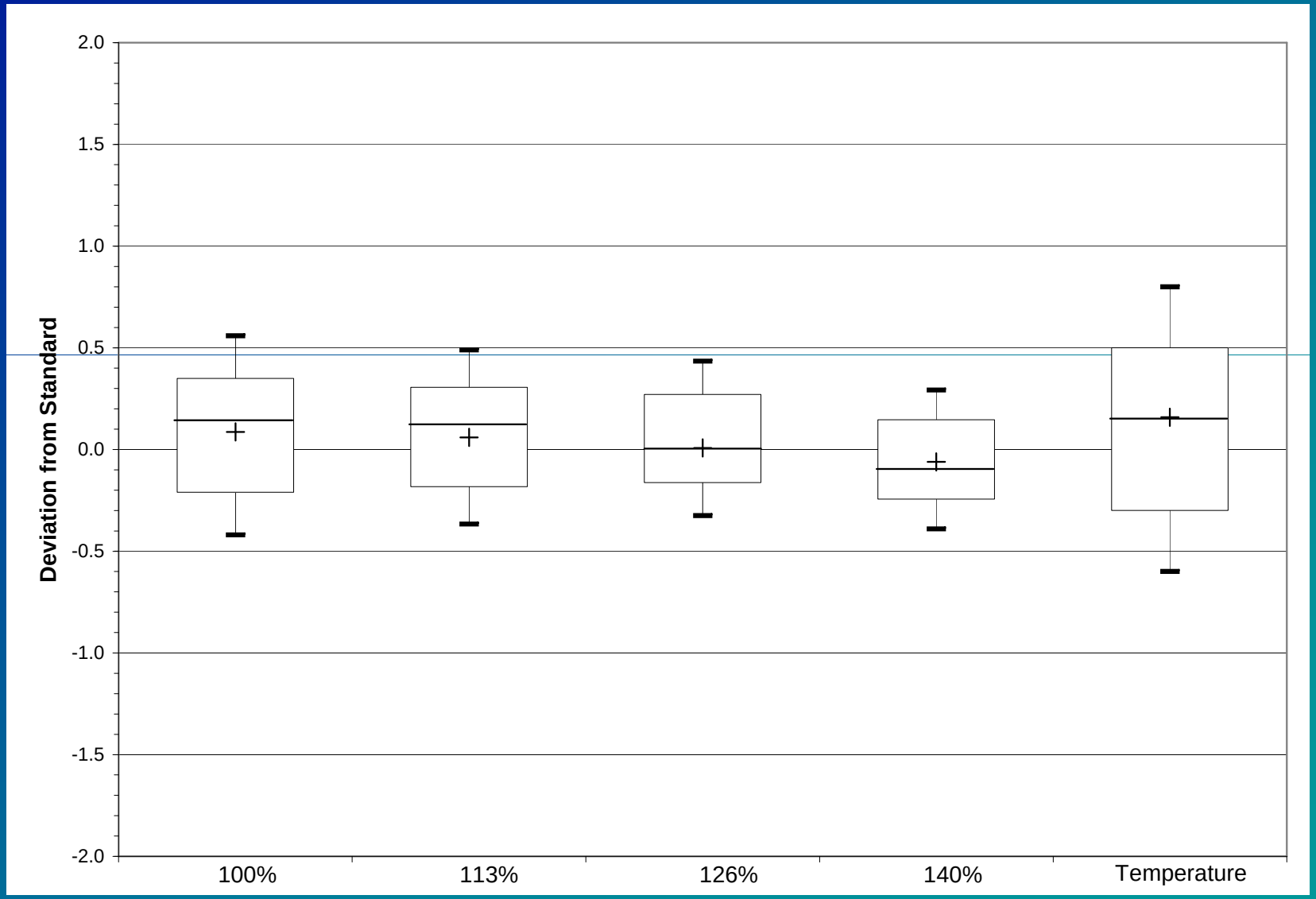
Grand Coulee Dam TDG Monitoring Locations

International Boundary (CIBW) TDG Monitor



Established: 1984
Dates in Operation: March - September
Calibration Frequency: Bi-weekly

USBR Calibration Summary Box Plots



US Bureau of Reclamation 2010 Calibration Summaries

	Temperature (ºC)	TDG Pressure (mmHg)			
		100%	113%	126%	140%
Mean	0.16	0.09	0.06	0.01	-0.06
Median	0.15	0.14	0.12	0.00	-0.10
Standard Deviation	0.12	0.22	0.18	0.15	0.13
Variance	0.01	0.05	0.03	0.02	0.02
Minimum	-0.10	-0.70	-0.61	-0.55	-0.49
Maximum	0.50	0.84	0.74	0.55	0.39
n	66	66	66	66	66