

Model cases	Tides	River discharge	Local wind	Remote wind	Subtidal water level and velocity	Wave
1	✓	✓	x	x	x	x
2	✓	✓	✓	x	x	x
3	✓	✓	x	✓	✓	x
4	✓	✓	✓	✓	✓	x
5	✓	✓	✓	✓	✓	✓
6	✓	✓	N	N	x	x (✓)
7	✓	✓	NE	NE	x	x (✓)
8	✓	✓	E	E	x	x (✓)