Project Ocean Module – Density-Driven Ocean Circulation Key – 2025 Version:

Density-Driven Ocean Circulation

1. c. 1000 years
2. b. varies
3. b. increase
4. a. decrease
5. b. increase
6. b. increase
7. a. decrease
8. a. cooling
9. a. evaporation

Water Sample Table

Depth (m)	Temperature (°C)	Salinity (PSU)	Density (kg/m^3)	Water Mass
100	15.0	36.0	*1026.7*	*NACW*
500	4.0	34.2	*1027.6*	*AAIW*
1000	10.0	35.8	*1027.6*	*MIW*
2000	4.0	34.9	*1027.7*	*NADW*
4000	0.0	34.7	*1027.8*	*AABW*

Note: These are simulated data.