The International Temperature Scale of 1990 (ITS-90), was officially adopted by the Comité International des Poids et Mesures (CIPM), meeting 26—28 September 1989 at the Bureau International des Poids et Mesures (BIPM).

The table below lists the defining fixed points of ITS-90.

Substance and its state	Defining point or range K	Defining point or range °C
Vapor-pressure / temperature relation of helium-3 (*)	0.65 to 3.2	−272.50 to −269.95
Vapor-pressure / temperature relation of helium-4 below its lambda point (*)	1.25 to 2.1768	−271.90 to −270.9732
Vapor-pressure / temperature relation of helium-4 above its lambda point (*)	2.1768 to 5.0	−270.9732 to −268.15
Vapor-pressure / temperature relation of helium (*)	3 to 5	−270.15 to −268.15
Triple point of hydrogen	13.8033	−259.3467
Triple point of neon	24.5561	−248.5939
Triple point of oxygen	54.3584	−218.7916
Triple point of argon	83.8058	−189.3442
Triple point of mercury	234.3156	−38.8344
Triple point of water	273.16	0.01
Melting point of gallium	302.9146	29.7646
Freezing point of indium	429.7485	156.5985
Freezing point of tin	505.078	231.928
Freezing point of zinc	692.677	419.527
Freezing point of aluminum	933.473	660.323
Freezing point of silver	1234.93	961.78
Freezing point of gold	1337.33	1064.18
Freezing point of copper	1357.77	1084.62

(*) By equation.