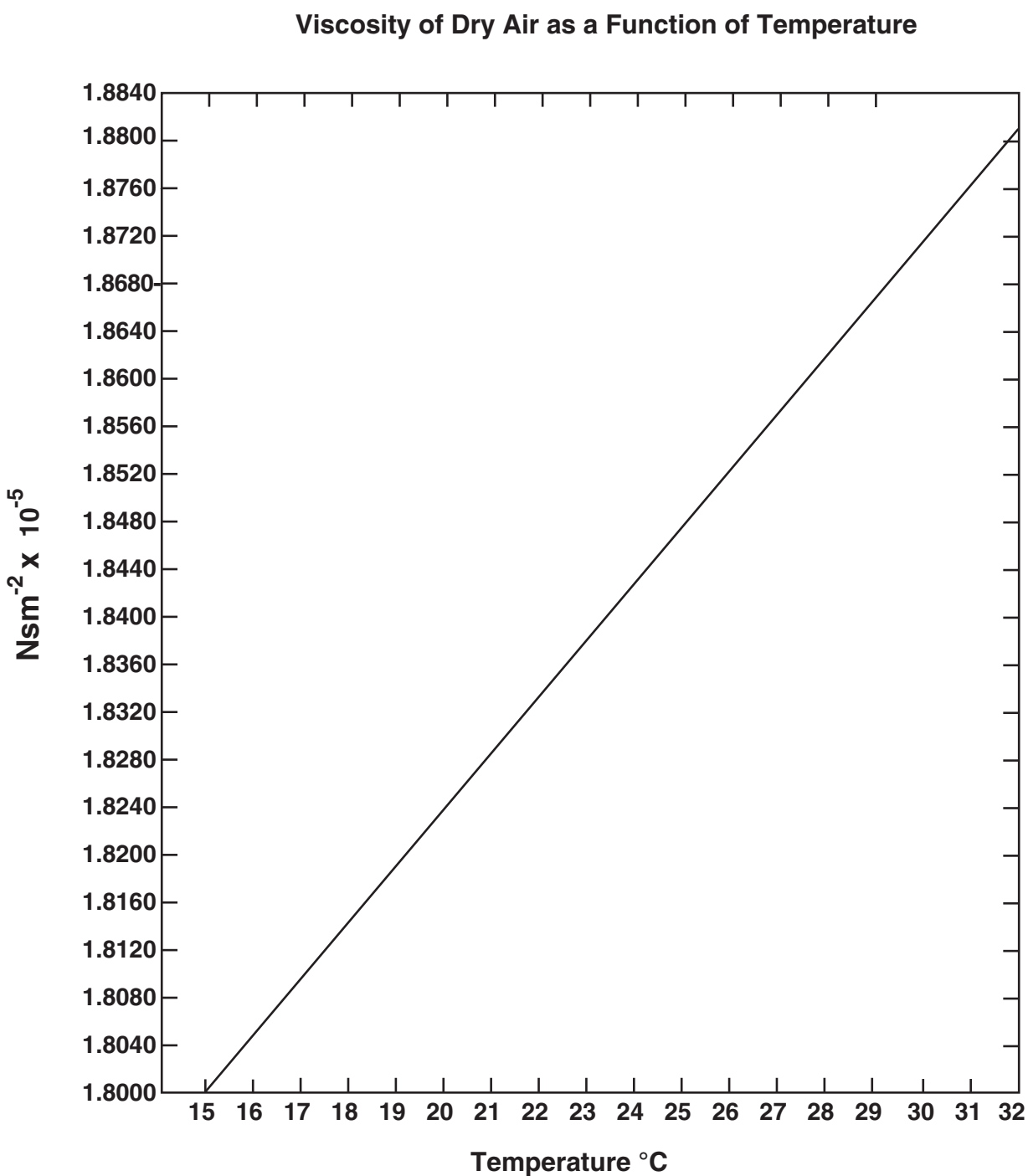


Appendix A: Viscosity of Dry Air as a Function of Temperature



Appendix B: Thermistor Resistance

Millikan Oil Drop Apparatus Thermistor Resistance at Various Temperatures

THERMISTOR RESISTANCE TABLE

$^{\circ}\text{C}$	$\times 10^6 \Omega$	$^{\circ}\text{C}$	$\times 10^6 \Omega$	$^{\circ}\text{C}$	$\times 10^6 \Omega$
10	3.239	20	2.300	30	1.774
11	3.118	21	2.233	31	1.736
12	3.004	22	2.169	32	1.700
13	2.897	23	2.110	33	1.666
14	2.795	24	2.053	34	1.634
15	2.700	25	2.000	35	1.603
16	2.610	26	1.950	36	1.574
17	2.526	27	1.902	37	1.547
18	2.446	28	1.857	38	1.521
19	2.371	29	1.815	39	1.496