

Table 1: Prandtl-Meyer function (for air only, $\gamma = 1.4$). $\nu(M)$ is given in degrees.

M	$\nu(M)$	M	$\nu(M)$	M	$\nu(M)$	M	$\nu(M)$	M	$\nu(M)$
1.00	0.0000	1.80	20.7251	2.60	41.4147	3.40	56.9075	4.20	68.3332
1.02	0.1257	1.82	21.3021	2.62	41.8628	3.42	57.2369	4.22	68.5782
1.04	0.3510	1.84	21.8768	2.64	42.3074	3.44	57.5639	4.24	68.8213
1.06	0.6367	1.86	22.4492	2.66	42.7488	3.46	57.8883	4.26	69.0628
1.08	0.9680	1.88	23.0190	2.68	43.1868	3.48	58.2102	4.28	69.3026
1.10	1.3362	1.90	23.5861	2.70	43.6215	3.50	58.5298	4.30	69.5406
1.12	1.7350	1.92	24.1506	2.72	44.0529	3.52	58.8469	4.32	69.7770
1.14	2.1600	1.94	24.7123	2.74	44.4810	3.54	59.1616	4.34	70.0118
1.16	2.6073	1.96	25.2711	2.76	44.9059	3.56	59.4739	4.36	70.2449
1.18	3.0743	1.98	25.8269	2.78	45.3275	3.58	59.7838	4.38	70.4763
1.20	3.5582	2.00	26.3798	2.80	45.7459	3.60	60.0915	4.40	70.7062
1.22	4.0572	2.02	26.9295	2.82	46.1611	3.62	60.3968	4.42	70.9344
1.24	4.5694	2.04	27.4762	2.84	46.5731	3.64	60.6998	4.44	71.1611
1.26	5.0931	2.06	28.0197	2.86	46.9820	3.66	61.0005	4.46	71.3862
1.28	5.6272	2.08	28.5600	2.88	47.3877	3.68	61.2990	4.48	71.6097
1.30	6.1703	2.10	29.0971	2.90	47.7903	3.70	61.5953	4.50	71.8317
1.32	6.7213	2.12	29.6308	2.92	48.1898	3.72	61.8893	4.52	72.0522
1.34	7.2794	2.14	30.1613	2.94	48.5863	3.74	62.1812	4.54	72.2712
1.36	7.8435	2.16	30.6884	2.96	48.9796	3.76	62.4709	4.56	72.4887
1.38	8.4130	2.18	31.2121	2.98	49.3700	3.78	62.7584	4.58	72.7046
1.40	8.9870	2.20	31.7325	3.00	49.7573	3.80	63.0438	4.60	72.9192
1.42	9.5650	2.22	32.2494	3.02	50.1417	3.82	63.3271	4.62	73.1322
1.44	10.1464	2.24	32.7629	3.04	50.5231	3.84	63.6083	4.64	73.3438
1.46	10.7305	2.26	33.2730	3.06	50.9016	3.86	63.8874	4.66	73.5540
1.48	11.3169	2.28	33.7796	3.08	51.2771	3.88	64.1645	4.68	73.7628
1.50	11.9052	2.30	34.2828	3.10	51.6497	3.90	64.4395	4.70	73.9701
1.52	12.4949	2.32	34.7825	3.12	52.0195	3.92	64.7125	4.72	74.1761
1.54	13.0856	2.34	35.2787	3.14	52.3864	3.94	64.9836	4.74	74.3807
1.56	13.6770	2.36	35.7715	3.16	52.7505	3.96	65.2526	4.76	74.5839
1.58	14.2686	2.38	36.2607	3.18	53.1118	3.98	65.5197	4.78	74.7858
1.60	14.8604	2.40	36.7465	3.20	53.4703	4.00	65.7848	4.80	74.9863
1.62	15.4518	2.42	37.2289	3.22	53.8261	4.02	66.0480	4.82	75.1855
1.64	16.0427	2.44	37.7077	3.24	54.1791	4.04	66.3093	4.84	75.3833
1.66	16.6328	2.46	38.1831	3.26	54.5294	4.06	66.5688	4.86	75.5799
1.68	17.2220	2.48	38.6551	3.28	54.8770	4.08	66.8263	4.88	75.7752
1.70	17.8099	2.50	39.1236	3.30	55.2220	4.10	67.0820	4.90	75.9691
1.72	18.3964	2.52	39.5886	3.32	55.5643	4.12	67.3359	4.92	76.1619
1.74	18.9814	2.54	40.0503	3.34	55.9040	4.14	67.5879	4.94	76.3533
1.76	19.5646	2.56	40.5085	3.36	56.2411	4.16	67.8381	4.96	76.5435
1.78	20.1458	2.58	40.9633	3.38	56.5756	4.18	68.0866	4.98	76.7325