

inches



centimeters



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30																																																																			
38.76	45.15	49.87	51.54	55.52	59.42	63.13	66.08	67.95	69.54	70.09	70.82	71.37	72.32	72.82	73.49	74.13	74.81	75.42	76.07	76.74	77.42	78.11	78.81	79.52	80.22	80.92	81.62	82.32	83.02	83.72	84.42	85.12	85.82	86.52	87.22	87.92	88.62	89.32	90.02	90.72	91.42	92.12	92.82	93.52	94.22	94.92	95.62	96.32	97.02	97.72	98.42	99.12	99.82	100.52																																										
0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00

Density → 2 degree observer

Don Williams

M000549

3 7/8 in. 1/50  
 Hdg 5  
 11/2 57/11

Rüppell

OSTERREICHISCHE  
 12/57/11