Pressure Altitude Conversion To Density Altitude

This table shows the converted deviation between pressure altitude and density altitude. Altitudes within parentheses are below sea level.

Ambient Air Temperature											
Pressure Attitude In Feet	F	97	90	82	75	68	61	54	47	39	32	25
	C	36	32	29	24	20	16	12	8	4	0	-4
Calculated And Extrapolated Density Altitude In Feet												
Sea Level		2500	2100	1600	1100	600	100	(400)	(900)	(1400)	(1900)	(2300)
500		3100	2700	2200	1800	1300	800	300	(200)	(700)	(1200)	(1600)
1000		3700	3200	2800	2400	1900	1400	900	500	(100)	(600)	(1100)
1500		4300	3900	3400	3000	2500	2000	1500	1100	600	100	(500)
2000		4900	4500	4000	3600	3100	2600	2200	1700	1200	700	200

2500	5500	5100	4600	4200	3700	3200	2800	2300	1800	1300	800
3000	6300	5700	5200	4800	4300	3800	3400	2900	2500	2000	1500
3500	6800	6300	5900	5400	4900	4400	4000	3500	3100	2600	2100
4000	7500	7000	6600	5900	5500	5100	4600	4100	3700	3200	2700
4500	8000	7500	7100	6500	6000	5500	5100	4600	4200	3600	3200
5000	8500	8000	7600	7100	6500	6100	5600	5200	4700	4200	3700
5500	9100	8600	8200	7700	7100	6700	6200	5800	5300	4700	4300
6000	9700	9200	8800	8300	7800	7300	6900	6400	5900	5300	4900
6500	10300	9800	9400	8800	8400	7800	7400	7000	6400	6000	5600
7000	10800	10400	10000	9500	9000	8500	8100	7600	7100	6700	6200
7500	11400	11000	10600	10200	9700	9200	8700	8300	7800	7300	6800
8000	12100	11600	11200	10800	10300	9800	9200	8800	8400	7900	7500