

Average True Range

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Date	High	Low	Close	True Range	Average True Range
03/01/2007	67.27	65.75	65.98	1.52	
04/01/2007	65.7	65.04	65.11	0.94	
05/01/2007	65.05	64.26	64.97	0.85	
08/01/2007	65.16	64.09	64.29	1.07	
09/01/2007	62.73	61.85	62.44	2.44	
10/01/2007	62.02	61.29	61.47	1.15	
11/01/2007	62.75	61.55	61.59	1.28	
12/01/2007	64.78	62.22	64.64	3.19	
16/01/2007	64.5	63.03	63.28	1.61	
17/01/2007	63.7	62.7	63.59	1	
18/01/2007	64.45	63.26	63.61	1.19	
19/01/2007	64.56	63.81	64.52	0.95	
22/01/2007	64.84	63.66	63.91	1.18	
23/01/2007	65.3	64.5	65.22	1.39	1.411
24/01/2007	65.36	64.46	65.06	0.9	1.375
25/01/2007	64.54	63.56	63.65	1.5	1.384
26/01/2007	64.03	63.33	63.73	0.7	1.335

1 1st value of true range is daily high - daily close

2 Other values of true range are largest of

* abs(current high - current low)

* abs(current high - previous close)

* abs(current low - previous close)

3 1st value of average true range is a 14-day average of true range

4 Other values of average true range are given by

$$ATR_t = ATR_{t-1} \times (n-1) + \frac{TR_t}{n}$$