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Chart exerps taken from https://www.cryptocompare.com/coins/btc/charts/USD?p=3M

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| begOfCurrentDay.timestamp; 1506729600 2017/09/30 00:00:00 |
| /histoday?fsym=BTC&tsym=USD&limit=1&aggregate=1&toTs=1506729600&e=CCCAGG |
| "Data":[  {"time":1506643200,"close":4172.79,"high":4237.51,"low":4030.37,"open":4195.65,"volumefrom":97803.91,"volumeto":404599756.28},  {"time":1506729600,"close":4360.62,"high":4383.27,"low":4164.25,"open":4172.79,"volumefrom":67493.68,"volumeto":290796939.99}],"TimeTo":1506729600,"TimeFrom":1506643200,"FirstValueInArray":true,"ConversionType":{"type":"direct","conversionSymbol":""}} |
|  |
| endOfCurrentDay.timestamp: 1506815999 2017/09/30 23:59:59 |
| /histoday?fsym=BTC&tsym=USD&limit=1&aggregate=1&toTs=1506815999&e=CCCAGG |
| "Data":[  {"time":1506643200,"close":4172.79,"high":4237.51,"low":4030.37,"open":4195.65,"volumefrom":97803.91,"volumeto":404599756.28},  {"time":1506729600,"close":4360.62,"high":4383.27,"low":4164.25,"open":4172.79,"volumefrom":67493.68,"volumeto":290796939.99}],"TimeTo":1506729600,"TimeFrom":1506643200,"FirstValueInArray":true,"ConversionType":{"type":"direct","conversionSymbol":""}} |
|  |
| midOfCurrentDay.timestamp: 1506779999 2017/09/30 13:59:59 |
| /histoday?fsym=BTC&tsym=USD&limit=1&aggregate=1&toTs=1506779999&e=CCCAGG |
| "Data":[  {"time":1506643200,"close":4172.79,"high":4237.51,"low":4030.37,"open":4195.65,"volumefrom":97803.91,"volumeto":404599756.28},  {"time":1506729600,"close":4360.62,"high":4383.27,"low":4164.25,"open":4172.79,"volumefrom":67493.68,"volumeto":290796939.99}],"TimeTo":1506729600,"TimeFrom":1506643200,"FirstValueInArray":true,"ConversionType":{"type":"direct","conversionSymbol":""}} |

Conclusion: no need to shift the timestamp to end of day. You always get the prices of the day containing the passed timestamp !