

Professional  
information about  
meteorological  
conditions in the  
world

# OGIMET

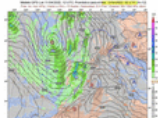
## OGIMET

[Versión española](#)

### METEOSAT

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meteosat / metar  
Meteosat-9/metar  
Meteosat-9 VIS-  
IR loop](#)

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weather maps](#)

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Gramet meteo](#)

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[Query about  
indexes](#)

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Synop by  
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Latest synops  
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Latest metar  
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Upper air  
soundings  
Soundings by  
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Country  
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Weather ranking  
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summaries  
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summaries](#)

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[Openmaps data  
navigation  
Synops over  
countries  
World synop  
navigation  
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### OTHER

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Credits](#)

Query made at 04/11/2022 20:41:43 UTC

Time interval: from 02/02/2020 13:00 to 02/02/2020 23:59 UTC

#### METAR/SPECI from K1V6

SA 02/02/2020 23:50-> METAR K1V6 022350Z AUTO 21012KT 10SM CLR 21/M16 A2967 RMK AO2=  
SA 02/02/2020 23:30-> METAR K1V6 022330Z AUTO 21013G19KT 10SM CLR 22/M17 A2968 RMK AO2=  
SA 02/02/2020 23:10-> METAR K1V6 022310Z AUTO 21015G19KT 10SM CLR 22/M18 A2969 RMK AO2=  
SA 02/02/2020 22:50-> METAR K1V6 022250Z AUTO 21017G25KT 10SM CLR 23/M19 A2970 RMK AO2=  
SA 02/02/2020 22:30-> METAR K1V6 022230Z AUTO 23016G24KT 10SM CLR 23/M21 A2971 RMK AO2=  
SA 02/02/2020 22:10-> METAR K1V6 022210Z AUTO 20014G20KT 10SM CLR 24/M22 A2972 RMK AO2=  
SA 02/02/2020 21:50-> METAR K1V6 022150Z AUTO 22014G27KT 10SM CLR 24/M22 A2973 RMK AO2=  
SA 02/02/2020 21:30-> METAR K1V6 022130Z AUTO 27007KT 10SM CLR 24/M16 A2975 RMK AO2=  
SA 02/02/2020 21:10-> METAR K1V6 022110Z AUTO 29007KT 261V321 10SM CLR 23/M16 A2976 RMK AO2=  
SA 02/02/2020 20:50-> METAR K1V6 022050Z AUTO 28006KT 10SM CLR 24/M15 A2978 RMK AO2=  
SA 02/02/2020 20:30-> METAR K1V6 022030Z AUTO 27004G14KT 10SM CLR 23/M15 A2979 RMK AO2=  
SA 02/02/2020 20:10-> METAR K1V6 022010Z AUTO 27006KT 10SM CLR 23/M15 A2981 RMK AO2=  
SA 02/02/2020 19:50-> METAR K1V6 021950Z AUTO 27005KT 10SM CLR 23/M13 A2983 RMK AO2=  
SA 02/02/2020 19:30-> METAR K1V6 021930Z AUTO 29008KT 10SM CLR 22/M13 A2985 RMK AO2=  
SA 02/02/2020 19:10-> METAR K1V6 021910Z AUTO 28007G18KT 10SM CLR 22/M13 A2987 RMK AO2=  
SA 02/02/2020 18:55-> METAR K1V6 021855Z AUTO 31015KT 10SM CLR 21/M12 A2989 RMK AO2=  
SA 02/02/2020 18:35-> METAR K1V6 021835Z AUTO 29016G19KT 10SM CLR 21/M13 A2992 RMK AO2=  
SA 02/02/2020 18:15-> METAR K1V6 021815Z AUTO 29017G24KT 10SM CLR 20/M13 A2993 RMK AO2=  
SA 02/02/2020 17:50-> METAR K1V6 021750Z AUTO 28020G24KT 10SM CLR 20/M12 A2995 RMK AO2=  
SA 02/02/2020 17:30-> METAR K1V6 021730Z AUTO 29018G23KT 10SM CLR 19/M12 A2997 RMK AO2=  
SA 02/02/2020 17:10-> METAR K1V6 021710Z AUTO 29017G22KT 10SM CLR 17/M11 A2997 RMK AO2=  
SA 02/02/2020 16:50-> METAR K1V6 021650Z AUTO 29018G25KT 10SM CLR 16/M12 A2999 RMK AO2=  
SA 02/02/2020 16:30-> METAR K1V6 021630Z AUTO 29017KT 10SM CLR 15/M12 A3000 RMK AO2=  
SA 02/02/2020 16:10-> METAR K1V6 021610Z AUTO 29018G22KT 10SM CLR 13/M12 A3001 RMK AO2=  
SA 02/02/2020 15:55-> METAR K1V6 021555Z AUTO 29019KT 10SM CLR 11/M12 A3002 RMK AO2=  
SA 02/02/2020 15:30-> METAR K1V6 021530Z AUTO 29019KT 10SM CLR 10/M13 A3003 RMK AO2=  
SA 02/02/2020 15:10-> METAR K1V6 021510Z AUTO 29016G20KT 10SM CLR 09/M13 A3004 RMK AO2=  
SA 02/02/2020 14:55-> METAR K1V6 021455Z AUTO 30015KT 10SM CLR 08/M13 A3005 RMK AO2=  
SA 02/02/2020 14:35-> METAR K1V6 021435Z AUTO 30013KT 10SM CLR 07/M13 A3005 RMK AO2=

No short TAF reports from K1V6 during solicited interval in the database.

No large TAF reports from K1V6 during solicited interval in the database.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
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# Density Altitude Calculator

See density altitude for any airport.

Airport ID ie: KJFK

Go



## Altimeter Setting to Pressure Altitude

Altimeter Setting [ ☒ in/hg | ☐ hpa ] :

29.78

Field Elevation [ ☒ ft | ☐ mt ] :

5442

Pressure Altitude (ft)

5582

[What is the formula?](#)

## Pressure Altitude to Density Altitude

Pressure Altitude [ ☒ ft | ☐ mt ] :

5582

True Altitude (ft)

5442

Standard (ISA) Temperature [ ☐ °C | ☒ °F ] :

39.60

Air Temperature (OAT) [ ☐ °C | ☒ °F ] :

75.2

Density Altitude (ft)

7931

[What is the formula?](#)

$$DA (ft) = PresAlt.(ft) + 118.8 * ( OAT(^{\circ}C) - ISA(^{\circ}C) )$$



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## Density Altitude Charts

### Density Altitude Rule-of-Thumb Chart

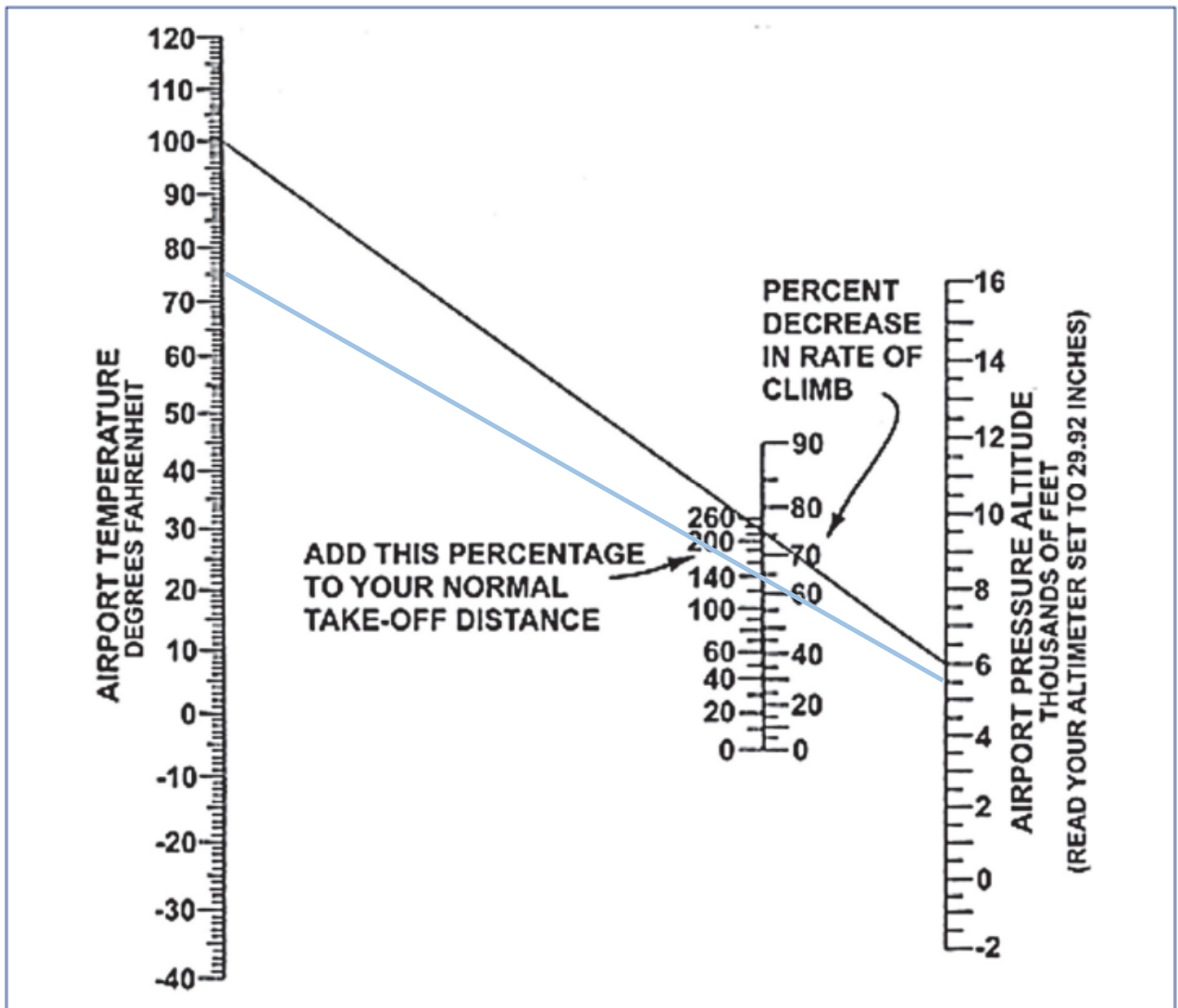
The chart below illustrates an example of temperature effects on density altitude.

Density Altitude Rule-of-Thumb Chart

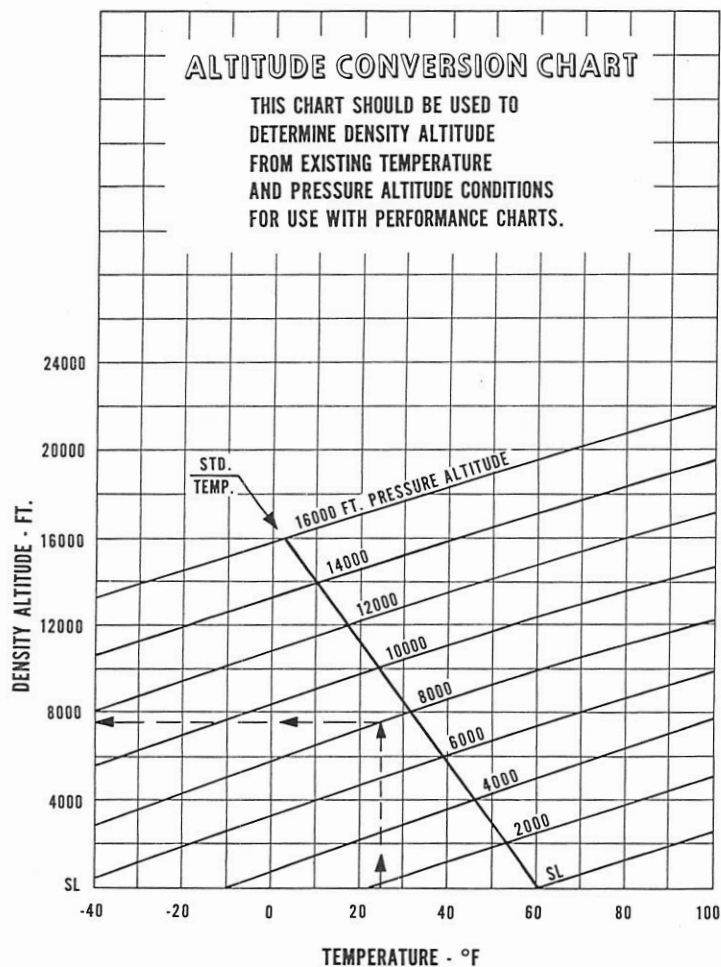
| STD TEMP | ELEV/TEMP | 80 °F  | 90 °F  | 100 °F | 110 °F | 120 °F | 130 °F |
|----------|-----------|--------|--------|--------|--------|--------|--------|
| 59 °F    | Sea level | 1,200  | 1,900  | 2,500  | 3,200  | 3,800  | 4,400  |
| 52 °F    | 2,000     | 3,800  | 4,400  | 5,000  | 5,600  | 6,200  | 6,800  |
| 45 °F    | 4,000     | 6,300  | 6,900  | 7,500  | 8,100  | 8,700  | 9,400  |
| 38 °F    | 6,000     | 8,600  | 9,200  | 9,800  | 10,400 | 11,000 | 11,600 |
| 31 °F    | 8,000     | 11,100 | 11,700 | 12,300 | 12,800 | 13,300 | 13,800 |

### Koch Chart

To find the effect of altitude and temperature, **connect** the temperature and airport altitude by a straight line. **Read** the increase in takeoff distance and the decrease in rate of climb from standard sea level values.



## PIPER CHEROKEE C PA-28-150-160-180



## SECTION V

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# PIPER CHEROKEE C

## PA-28-150-160-180

