METAR

METAR is a format for reporting current weather information.

METAR weather reports are predominantly used by pilots in fulfillment of a part of a pre-flight weather briefing, and by meteorologists, who use aggregated METAR information to assist in weather forecasting.

METARs typically come from airports or permanent weather observation stations. Reports are generated once an hour or half-hour, but if conditions change significantly, a special report may be issued. Some METARs are encoded by automated airport weather stations located at airports, military bases, and other sites. Some locations still use augmented observations, which are recorded by digital sensors, encoded via software, and then reviewed by certified weather observers or forecasters prior to being transmitted. Observations may also be taken by trained observers or forecasters who manually observe and encode their observations prior to transmission.

A typical METAR contains data for the temperature, dew point, wind direction and speed, precipitation, cloud cover and heights, visibility, and barometric pressure. A METAR may also contain information on precipitation amounts, lightning, and other information that would be of interest to pilots or meteorologists.

METAR is the most common format in the world for the transmission of observational weather data. It is highly standardized through the International Civil Aviation Organization, which allows it to be understood throughout most of the world.

Our decoded METAR, decodes the text METAR string to create keys and values for each part in a METAR. We also include additional weather information and conversions in the response data.

Response Format: Text vs Decoded

By default all of our METAR API endpoints return data in the standardized METAR text format.

By adding the **/decoded** URL parameter to the end of any METAR endpoint, the METAR will be decoded and displayed in key-value pairs in the response data.

Text

```
KPIE 011057Z 00000KT 5SM BR SCT010 SCT060 17/17 A3019 RMK AO2
T01720172
```

Decoded


```
"clouds": [
  {
    "code": "SCT",
    "text": "Scattered"
    "feet": 1000,
    "meters": 305
  },
  {
    "code": "SCT",
    "text": "Scattered",
    "feet": 6000,
    "meters": 1829
  }
],
```


---

metar/*{icao}*

Returns the latest METAR for a one or more ICAO codes.

```
# Single ICAO - Text
$ curl "https://api.checkwx.com/metar/KJFK" -H "X-API-Key:
YOUR_API_KEY"

# Single ICAO - Decoded
$ curl "https://api.checkwx.com/metar/KJFK/decoded" -H "X-API-
Key: YOUR_API_KEY"

# Multiple ICAOs - Text
$ curl "https://api.checkwx.com/metar/KJFK,KLAX,KMIA" -H "X-API-
Key: YOUR_API_KEY"

# Multiple ICAOs - Decoded
$ curl "https://api.checkwx.com/metar/KJFK,KLAX,KMIA/decoded" -H
"X-API-Key: YOUR_API_KEY"
```

Code Examples

URL Parameters	Description	
icao	A single ICAO code or multiple ICAO codes seperated by commas Maximum of 20 ICAO codes per request.	Required

metar/*{icao}*/nearest

Returns the latest METAR nearest to a single ICAO code.

```
# Nearest to ICAO - Text
$ curl "https://api.checkwx.com/metar/KJFK/nearest" -H "X-API-
Key: YOUR_API_KEY"

# Nearest to ICAO - Decoded
$ curl "https://api.checkwx.com/metar/KJFK/nearest/decoded" -H
"X-API-Key: YOUR_API_KEY"
```

Code Examples

Additional postion fields are included in the decoded response data to show the distance and direction from the specified ICAO.

URL Parameters	Description	
icao	A single ICAO code	Required

metar/*{icao}*/radius/*{radius}*

Returns the latest METAR for weather stations within a specified radius of a single ICAO code.

```
# 50 mile radius from ICAO - Text
$ curl "https://api.checkwx.com/metar/KJFK/radius/50" -H "X-API-
Key: YOUR_API_KEY"

# 50 mile radius from ICAO - Decoded
$ curl "https://api.checkwx.com/metar/KJFK/radius/50/decoded" -H
"X-API-Key: YOUR_API_KEY"
```

Code Examples

The results are sorted based on the distance from the requested ICAO code.

Additional postion fields are included in the decoded response data to show the distance and direction from the specified ICAO.

URL Parameters	Description	
icao	A single ICAO code	Required
radius	The surrounding radius in miles from the ICAO code 250 miles is the maximum radius	Required

metar/lat/*{latitude}*/lon/*{longitude}*

Returns the latest METAR from a station nearest to the latitude and longitude.

```
# Nearest to latitude/longitude - Text
$ curl "https://api.checkwx.com/metar/lat/40.72/lon/-73.99" -H
"X-API-Key: YOUR_API_KEY"

# Nearest to latitude/longitude - Decoded
$ curl
"https://api.checkwx.com/metar/lat/40.72/lon/-73.99/decoded" -H
"X-API-Key: YOUR_API_KEY"
```

Code Examples

Additional postion fields are included in the decoded response data to show the distance and direction from the specified ICAO.

URL Parameters	Description	
latitude	The latitude in decimals	Required
longitude	The longitude in decimals	Required

metar/lat/*{latitude}*/lon/*{longitude}*/radiu

Returns the latest METAR for multiple stations nearest to the latitude and longitude, within a given radius.

```
# Nearest to latitude/longitude within 10 miles - Text
$ curl
"https://api.checkwx.com/metar/lat/40.72/lon/-73.99/radius/10" -
H "X-API-Key: YOUR_API_KEY"

# Nearest to latitude/longitude within 10 miles - Decoded
$ curl
"https://api.checkwx.com/metar/lat/40.72/lon/-73.99/radius/10/decoc
-H "X-API-Key: YOUR_API_KEY"
```

Code Examples

Additional postion fields are included in the decoded response data to show the distance and direction from the specified ICAO.

URL Parameters	Description	
latitude	The latitude in decimals	Required
longitude	The longitude in decimals	Required
radius	The surrounding radius in miles from the ICAO code 250 miles is the maximum radius	Required

METAR Fields

The following table lists the fields which are returned by all METAR **/decoded** endpoints.

Note

Fields marked as **Optional** will not be included in the JSON response data if no value exists for that field. Therefore your code should check for the existence of these fields before attempting to access the data value to avoid any errors.

Field	Type	Description	Optional
barometer	object	Object with three properties:	Yes
barometer.hg	decimal	Barometer in inches of mercury	
barometer.hpa	decimal	Barometer in hectopascals	
barometer.kpa	decimal	Barometer in kilopascals	
barometer.mb	decimal	Barometer in millibars	
ceiling	object	Object with two properties:	Yes
ceiling.feet	decimal	Ceiling feet above ground level AGL	
ceiling.meters	decimal	Ceiling meters above ground level AGL	
clouds	array	Array of cloud levels each with the following four properties	Yes

Field	Type	Description	Optional
clouds[].base_feet_agl	decimal	Base feet above ground level AGL	
clouds[].base_meters_agl	decimal	Base meters above ground level AGL	
clouds[].code	string	Cloud abbreviation code	
clouds[].text	string	Cloud text description	
clouds[].feet	decimal	Feet above ground level AGL	
clouds[].meters	decimal	Meters above ground level AGL	
conditions	array	Array of conditions levels each with the following two properties	Yes
conditions[].code	string	Condition abbreviation code	
conditions[].text	string	Condition text description	
dewpoint	object	Object with two properties:	Yes
dewpoint.celsius	integer	Dewpoint in celsius	
dewpoint.fahrenheit	integer	Dewpoint in fahrenheit	
elevation	object	Object with two properties:	Yes
elevation.feet	decimal	Elevation of weather recording instrument in feet	
elevation.meters	decimal	Elevation of weather recording instrument in meters	
flight_category	string	VFR, MVFR, IFR, or LIFR	Yes

Field	Type	Description	Optional
humidity	object	Object with one property:	Yes
humidity.percent	integer	Humidity percentage	
icao	string	ICAO airport code or station indicator	
observed	string	METAR observed UTC timestamp in ISO format	
snow	object	Object with one property:	Yes
snow.inches	integer	Snowfall in inches	
snow.millimeters	integer	Snowfall in millimeters	
station	object	Object with five properties:	
station.geometry	Object	GeoJSON object with two properties:	
station.geometry.coordinates	array	GeoJSON array of coordinates [longitude, latitude]	
station.geometry.type	string	GeoJSON object type: "POINT"	
station.location	string	Station location	
station.name	string	Station name	
station.type	string	Type - "Airport", "Heliport", "Seaplane Base", etc.	Yes
temperature	object	Object with two properties:	Yes
temperature.celsius	integer	Temperature in celsius	
temperature.fahrenheit	integer	Temperature in fahrenheit	

Field	Type	Description	Optional
rain	object	Object with one property:	Yes
rain.inches	integer	Rainfall in inches	
rain.millimeters	integer	Rainfall in millimeters	
rain.total.inches	integer	24 hour total rainfall in inches	Yes
rain.total.millimeters	integer	24 hour total rainfall in millimeters	Yes
raw_text	string	Raw METAR text string	
visibility	object	Object with four properties:	Yes
visibility.miles	string	Visibility in miles (String to support values like "1/2 mile")	
visibility.miles_float	float	Visibility in miles	
visibility.meters	string	Visibility in meters (String to support values like "> 9000")	
visibility.meters_float	float	Visibility in meters	
wind	object	Object with nine properties:	Yes
wind.degrees	integer	Wind direction in degrees	
wind.speed_kph	integer	Wind speed in kilometers per hour	
wind.speed_kts	integer	Wind speed in knots	
wind.speed_mph	integer	Wind speed in miles per hour	
wind.speed_mps	integer	Wind speed in meters per second	

Field	Type	Description	Optional
wind.gust_kts	integer	Wind gust in knots	
wind.gust_kph	integer	Wind gust in kilometers per hour	
wind.gust_mph	integer	Wind gust in miles per hour	
wind.gust_mps	integer	Wind gust in meters per second	

Position Fields

These addition fields are include in the response JSON for **Nearest** and **Radius** endpoints.

Field	Type	Description	Request Type
base	string	Base location ICAO	Only included for ICAO requests
base.bearing	object	Object with two properties:	All requests
base.bearing.from	integer	Bearing from base location (0-360)	All requests
base.bearing.to	integer	Bearing to base location (0-360)	All requests
base.latitude	float	Base location latitude decimals	Only included for Lat/Lon requests
base.longitude	float	Base location longitude decimals	Only included for Lat/Lon requests
base.miles	float	Distance from base location in miles	All requests
base.meters	float	Distance from base location in meters	All requests

Single ICAO - Text Format

```
$ curl https://api.checkwx.com/metar/kjfk
```


```
{
  "results": 1,
  "data": [
    "KJFK 071451Z 28013KT 10SM BKN085 03/M07 A3016 RMK AO2 SLP214
T00331072 50003"
  ]
}
```


Single ICAO - Decoded Format

```
$ curl https://api.checkwx.com/metar/kjfk/decoded
```


```
{
  "results": 1,
  "data": [
    {
      "icao": "KJFK",
      "barometer": {
        "hg": 30.16,
        "hpa": 1021.0,
        "kpa": 102.13,
        "mb": 1021.33
      },
      "ceiling": {
        "feet": 8500,
        "meters": 2591
      },
      "clouds": [
        {
          "base_feet_agl": 8500,
          "base_meters_agl": 2591,
          "code": "BKN",
          "text": "Broken",
          "feet": 8500,
          "meters": 2591
        }
      ],
      "dewpoint": {
        "celsius": -7,
        "fahrenheit": 19
      },
      "elevation": {
        "feet": 10.0,
```

```
        "meters": 3.0
      },
      "flight_category": "VFR",
      "humidity": {
        "percent": 48
      },
      "observed": "2024-12-07T14:51:00",
      "station": {
        "geometry": {
          "coordinates": [
            -73.779317,
            40.639447
          ],
          "type": "Point"
        },
        "location": "New York, New York, United States",
        "name": "John F Kennedy International Airport",
        "type": "Airport"
      },
      "temperature": {
        "celsius": 3,
        "fahrenheit": 37
      },
      "raw_text": "KJFK 071451Z 28013KT 10SM BKN085 03/M07 A3016 RMK
AO2 SLP214 T00331072 50003",
      "visibility": {
        "miles": "Greater than 10",
        "miles_float": 10.0,
        "meters": "16,100",
        "meters_float": 16100.0
      },
      "wind": {
        "degrees": 280,
        "speed_kph": 24,
        "speed_kts": 13,
        "speed_mph": 15,
        "speed_mps": 7
      }
    }
  ]
}
```

Multiple ICAOs - Text Format

```
$ curl https://api.checkwx.com/metar/kjfk,klax
```

```
{
  "results": 2,
  "data": [
    "KJFK 071451Z 28013KT 10SM BKN085 03/M07 A3016 RMK AO2 SLP214
T00331072 50003",
    "KLAX 071453Z 00000KT 10SM CLR 13/M02 A3011 RMK AO2 SLP193
T01281017 53010"
  ]
}
```


Multiple ICAOs - Decoded Format

```
$ curl https://api.checkwx.com/metar/kjfk,klax/decoded
```


```
{
  "results": 2,
  "data": [
    {
      "icao": "KJFK",
      "barometer": {
        "hg": 30.16,
        "hpa": 1021.0,
        "kpa": 102.13,
        "mb": 1021.33
      },
      "ceiling": {
        "feet": 8500,
        "meters": 2591
      },
      "clouds": [
        {
          "base_feet_agl": 8500,
          "base_meters_agl": 2591,
          "code": "BKN",
          "text": "Broken",
          "feet": 8500,
          "meters": 2591
        }
      ],
      "dewpoint": {
        "celsius": -7,
        "fahrenheit": 19
      },
      "elevation": {
        "feet": 10.0,
        "meters": 3.0
```

```
    },
    "flight_category": "VFR",
    "humidity": {
      "percent": 48
    },
    "observed": "2024-12-07T14:51:00",
    "station": {
      "geometry": {
        "coordinates": [
          -73.779317,
          40.639447
        ],
        "type": "Point"
      },
      "location": "New York, New York, United States",
      "name": "John F Kennedy International Airport",
      "type": "Airport"
    },
    "temperature": {
      "celsius": 3,
      "fahrenheit": 37
    },
    "raw_text": "KJFK 071451Z 28013KT 10SM BKN085 03/M07 A3016 RMK
AO2 SLP214 T00331072 50003",
    "visibility": {
      "miles": "Greater than 10",
      "miles_float": 10.0,
      "meters": "16,100",
      "meters_float": 16100.0
    },
    "wind": {
      "degrees": 280,
      "speed_kph": 24,
      "speed_kts": 13,
      "speed_mph": 15,
      "speed_mps": 7
    }
  },
  {
    "icao": "KLAX",
    "barometer": {
      "hg": 30.11,
      "hpa": 1020.0,
      "kpa": 101.96,
      "mb": 1019.64
    },
    "clouds": [
      {
        "code": "CLR",
        "text": "Clear skies"
      }
```

```
      ],
      "dewpoint": {
        "celsius": -2,
        "fahrenheit": 28
      },
      "elevation": {
        "feet": 98.0,
        "meters": 30.0
      },
      "flight_category": "VFR",
      "humidity": {
        "percent": 36
      },
      "observed": "2024-12-07T14:53:00",
      "station": {
        "geometry": {
          "coordinates": [
            -118.407997,
            33.942501
          ],
          "type": "Point"
        },
        "location": "Los Angeles, California, United States",
        "name": "Los Angeles International Airport",
        "type": "Airport"
      },
      "temperature": {
        "celsius": 13,
        "fahrenheit": 55
      },
      "raw_text": "KLAX 071453Z 00000KT 10SM CLR 13/M02 A3011 RMK
AO2 SLP193 T01281017 53010",
      "visibility": {
        "miles": "Greater than 10",
        "miles_float": 10.0,
        "meters": "16,100",
        "meters_float": 16100.0
      }
    }
  ]
}
```

Nearest - Text Format

```
$ curl https://api.checkwx.com/metar/kjfk/nearest
```

```
{
  "results": 1,
  "data": [
    "KLGA 071451Z 27009G20KT 10SM BKN085 02/M09 A3015 RMK AO2 SLP210
T00171089 51006"
  ]
}
```


Nearest - Decoded Format

```
$ curl https://api.checkwx.com/metar/kjfk/nearest/decoded
```


```
{
  "results": 1,
  "data": [
    {
      "icao": "KLGA",
      "barometer": {
        "hg": 30.15,
        "hpa": 1021.0,
        "kpa": 102.1,
        "mb": 1021.0
      },
      "ceiling": {
        "feet": 8500,
        "meters": 2591
      },
      "clouds": [
        {
          "base_feet_agl": 8500,
          "base_meters_agl": 2591,
          "code": "BKN",
          "text": "Broken",
          "feet": 8500,
          "meters": 2591
        }
      ],
      "dewpoint": {
        "celsius": -9,
        "fahrenheit": 16
      },
      "elevation": {
        "feet": 30.0,
        "meters": 9.0
      },
      "flight_category": "VFR",
```

```
      "humidity": {
        "percent": 44
      },
      "observed": "2024-12-07T14:51:00",
      "position": {
        "base": "KJFK",
        "miles": 9.3,
        "meters": 17217.5,
        "bearing": {
          "from": 333,
          "to": 153
        },
        "orientation": {
          "from": "NNW",
          "to": "SSE"
        }
      },
      "station": {
        "geometry": {
          "coordinates": [
            -73.872597,
            40.777199
          ],
          "type": "Point"
        },
        "location": "New York, New York, United States",
        "name": "La Guardia Airport",
        "type": "Airport"
      },
      "temperature": {
        "celsius": 2,
        "fahrenheit": 36
      },
      "raw_text": "KLGA 071451Z 27009G20KT 10SM BKN085 02/M09 A3015
RMK AO2 SLP210 T00171089 51006",
      "visibility": {
        "miles": "Greater than 10",
        "miles_float": 10.0,
        "meters": "16,100",
        "meters_float": 16100.0
      },
      "wind": {
        "degrees": 270,
        "speed_kph": 17,
        "speed_kts": 9,
        "speed_mph": 10,
        "speed_mps": 5,
        "gust_kph": 37,
        "gust_kts": 20,
        "gust_mph": 23,
        "gust_mps": 10
```

```
      }
    }
  ]
}
```

Radius - Text Format

```
$ curl https://api.checkwx.com/metar/kjfk/radius/25
```


```
{
  "results": 3,
  "data": [
    "KLGA 071451Z 27009G20KT 10SM BKN085 02/M09 A3015 RMK AO2 SLP210
T00171089 51006",
    "KJRB 071456Z AUTO 26011KT 10SM BKN085 03/M06 A3017 RMK AO2
SLP217 6//// T00281061 51004 PNO $",
    "KNYC 071451Z AUTO VRB05KT 10SM OVC085 02/M09 A3016 RMK AO2
SLP207 T00171089 53005"
  ]
}
```


Radius - Decoded Format

```
$ curl https://api.checkwx.com/metar/kjfk/radius/25/decoded
```


```
{
  "results": 1,
  "data": [
    {
      "icao": "KLGA",
      "barometer": {
        "hg": 30.15,
        "hpa": 1021.0,
        "kpa": 102.1,
        "mb": 1021.0
      },
      "ceiling": {
        "feet": 8500,
        "meters": 2591
      },
      "clouds": [
```

```
    {
      "base_feet_agl": 8500,
      "base_meters_agl": 2591,
      "code": "BKN",
      "text": "Broken",
      "feet": 8500,
      "meters": 2591
    }
  ],
  "dewpoint": {
    "celsius": -9,
    "fahrenheit": 16
  },
  "elevation": {
    "feet": 30.0,
    "meters": 9.0
  },
  "flight_category": "VFR",
  "humidity": {
    "percent": 44
  },
  "observed": "2024-12-07T14:51:00",
  "position": {
    "base": "KJFK",
    "miles": 9.3,
    "meters": 17217.5,
    "bearing": {
      "from": 333,
      "to": 153
    },
    "orientation": {
      "from": "NNW",
      "to": "SSE"
    }
  },
  "station": {
    "geometry": {
      "coordinates": [
        -73.872597,
        40.777199
      ],
      "type": "Point"
    },
    "location": "New York, New York, United States",
    "name": "La Guardia Airport",
    "type": "Airport"
  },
  "temperature": {
    "celsius": 2,
    "fahrenheit": 36
  },
```

```
      "raw_text": "KLGA 071451Z 27009G20KT 10SM BKN085 02/M09 A3015
RMK AO2 SLP210 T00171089 51006",
      "visibility": {
        "miles": "Greater than 10",
        "miles_float": 10.0,
        "meters": "16,100",
        "meters_float": 16100.0
      },
      "wind": {
        "degrees": 270,
        "speed_kph": 17,
        "speed_kts": 9,
        "speed_mph": 10,
        "speed_mps": 5,
        "gust_kph": 37,
        "gust_kts": 20,
        "gust_mph": 23,
        "gust_mps": 10
      }
    }
  ]
}
```

Latitude/Longitude - Text Format

```
$ curl https://api.checkwx.com/metar/lat/40.72/lon/-73.99
```


```
{
  "results": 1,
  "data": [
    "KJRB 071456Z AUTO 26011KT 10SM BKN085 03/M06 A3017 RMK AO2
SLP217 6//// T00281061 51004 PNO $"
  ]
}
```


Latitude/Longitude - Decoded Format

```
$ curl https://api.checkwx.com/metar/lat/40.72/lon/-73.99/decoded
```


```
{
  "results": 1,
```

```
"data": [
  {
    "icao": "KJRB",
    "barometer": {
      "hg": 30.17,
      "hpa": 1022.0,
      "kpa": 102.17,
      "mb": 1021.67
    },
    "ceiling": {
      "feet": 8500,
      "meters": 2591
    },
    "clouds": [
      {
        "base_feet_agl": 8500,
        "base_meters_agl": 2591,
        "code": "BKN",
        "text": "Broken",
        "feet": 8500,
        "meters": 2591
      }
    ],
    "dewpoint": {
      "celsius": -6,
      "fahrenheit": 21
    },
    "elevation": {
      "feet": 7.0,
      "meters": 2.0
    },
    "flight_category": "VFR",
    "humidity": {
      "percent": 52
    },
    "observed": "2024-12-07T14:56:00",
    "position": {
      "base": {
        "latitude": 40.72,
        "longitude": -73.99
      },
      "miles": 1.4,
      "meters": 2633.6,
      "bearing": {
        "from": 218,
        "to": 38
      },
      "orientation": {
        "from": "SW",
        "to": "NE"
      }
```

```
      },
      "station": {
        "geometry": {
          "coordinates": [
            -74.009003,
            40.701199
          ],
          "type": "Point"
        },
        "location": "New York, New York, United States",
        "name": "Downtown-Manhattan/Wall St Heliport",
        "type": "Heliport"
      },
      "temperature": {
        "celsius": 3,
        "fahrenheit": 37
      },
      "raw_text": "KJRB 071456Z AUTO 26011KT 10SM BKN085 03/M06
A3017 RMK AO2 SLP217 6//// T00281061 51004 PNO $",
      "visibility": {
        "miles": "Greater than 10",
        "miles_float": 10.0,
        "meters": "16,100",
        "meters_float": 16100.0
      },
      "wind": {
        "degrees": 260,
        "speed_kph": 20,
        "speed_kts": 11,
        "speed_mph": 13,
        "speed_mps": 6
      }
    }
  ]
}
```

Latitude/Longitude Radius - Text Format

```
$ curl https://api.checkwx.com/metar/lat/40.72/lon/-73.99/radius/20
```


```
{
  "results": 6,
  "data": [
    "KJRB 071456Z AUTO 26011KT 10SM BKN085 03/M06 A3017 RMK AO2
SLP217 6//// T00281061 51004 PNO $",
```

```
    "KNYC 071451Z AUTO VRB05KT 10SM OVC085 02/M09 A3016 RMK AO2
SLP207 T00171089 53005",
    "KLGA 071451Z 27009G20KT 10SM BKN085 02/M09 A3015 RMK AO2 SLP210
T00171089 51006",
    "KEWR 071451Z 25014G21KT 10SM BKN085 03/M08 A3016 RMK AO2 SLP212
T00281083 51006",
    "KTEB 071451Z 28009G21KT 10SM CLR 02/M08 A3015 RMK AO2 SLP209
T00221078 51005",
    "KJFK 071451Z 28013KT 10SM BKN085 03/M07 A3016 RMK AO2 SLP214
T00331072 50003"
  ]
}
```


Latitude/Longitude Radius - Decoded Format

```
$ curl
https://api.checkwx.com/metar/lat/40.72/lon/-73.99/radius/20/decoded
```


```
{
  "results": 5,
  "data": [
    {
      "icao": "KJRB",
      "barometer": {
        "hg": 30.17,
        "hpa": 1022.0,
        "kpa": 102.17,
        "mb": 1021.67
      },
      "ceiling": {
        "feet": 8500,
        "meters": 2591
      },
      "clouds": [
        {
          "base_feet_agl": 8500,
          "base_meters_agl": 2591,
          "code": "BKN",
          "text": "Broken",
          "feet": 8500,
          "meters": 2591
        }
      ],
      "dewpoint": {
        "celsius": -6,
        "fahrenheit": 21
      },
```

```
      "elevation": {
        "feet": 7.0,
        "meters": 2.0
      },
      "flight_category": "VFR",
      "humidity": {
        "percent": 52
      },
      "observed": "2024-12-07T14:56:00",
      "position": {
        "base": {
          "latitude": 40.72,
          "longitude": -73.99
        },
        "miles": 1.4,
        "meters": 2633.6,
        "bearing": {
          "from": 218,
          "to": 38
        },
        "orientation": {
          "from": "SW",
          "to": "NE"
        }
      },
      "station": {
        "geometry": {
          "coordinates": [
            -74.009003,
            40.701199
          ],
          "type": "Point"
        },
        "location": "New York, New York, United States",
        "name": "Downtown-Manhattan/Wall St Heliport",
        "type": "Heliport"
      },
      "temperature": {
        "celsius": 3,
        "fahrenheit": 37
      },
      "raw_text": "KJRB 071456Z AUTO 26011KT 10SM BKN085 03/M06
A3017 RMK AO2 SLP217 6//// T00281061 51004 PNO $",
      "visibility": {
        "miles": "Greater than 10",
        "miles_float": 10.0,
        "meters": "16,100",
        "meters_float": 16100.0
      },
      "wind": {
        "degrees": 260,
```

```
      "speed_kph": 20,
      "speed_kts": 11,
      "speed_mph": 13,
      "speed_mps": 6
    }
  },
  {
    "icao": "KNYC",
    "barometer": {
      "hg": 30.16,
      "hpa": 1021.0,
      "kpa": 102.13,
      "mb": 1021.33
    },
    "ceiling": {
      "feet": 8500,
      "meters": 2591
    },
    "clouds": [
      {
        "base_feet_agl": 8500,
        "base_meters_agl": 2591,
        "code": "OVC",
        "text": "Overcast",
        "feet": 8500,
        "meters": 2591
      }
    ],
    "dewpoint": {
      "celsius": -9,
      "fahrenheit": 16
    },
    "elevation": {
      "feet": 108.0,
      "meters": 33.0
    },
    "flight_category": "VFR",
    "humidity": {
      "percent": 44
    },
    "observed": "2024-12-07T14:51:00",
    "position": {
      "base": {
        "latitude": 40.72,
        "longitude": -73.99
      },
      "miles": 3.7,
      "meters": 6881.1,
      "bearing": {
        "from": 14,
        "to": 194
```

```
        },
        "orientation": {
          "from": "NNE",
          "to": "SSW"
        }
      },
      "station": {
        "geometry": {
          "coordinates": [
            -73.97,
            40.78
          ],
          "type": "Point"
        },
        "location": "New York, New York, United States",
        "name": "Central Park",
        "type": "Airport"
      },
      "temperature": {
        "celsius": 2,
        "fahrenheit": 36
      },
      "raw_text": "KNYC 071451Z AUTO VRB05KT 10SM OVC085 02/M09
A3016 RMK AO2 SLP207 T00171089 53005",
      "visibility": {
        "miles": "Greater than 10",
        "miles_float": 10.0,
        "meters": "16,100",
        "meters_float": 16100.0
      },
      "wind": {
        "degrees": 0,
        "speed_kph": 9,
        "speed_kts": 5,
        "speed_mph": 6,
        "speed_mps": 3
      }
    },
    {
      "icao": "KLGA",
      "barometer": {
        "hg": 30.15,
        "hpa": 1021.0,
        "kpa": 102.1,
        "mb": 1021.0
      },
      "ceiling": {
        "feet": 8500,
        "meters": 2591
      },
      "clouds": [
```

```
    {
      "base_feet_agl": 8500,
      "base_meters_agl": 2591,
      "code": "BKN",
      "text": "Broken",
      "feet": 8500,
      "meters": 2591
    }
  ],
  "dewpoint": {
    "celsius": -9,
    "fahrenheit": 16
  },
  "elevation": {
    "feet": 30.0,
    "meters": 9.0
  },
  "flight_category": "VFR",
  "humidity": {
    "percent": 44
  },
  "observed": "2024-12-07T14:51:00",
  "position": {
    "base": {
      "latitude": 40.72,
      "longitude": -73.99
    },
    "miles": 6.3,
    "meters": 11758.6,
    "bearing": {
      "from": 57,
      "to": 237
    },
    "orientation": {
      "from": "ENE",
      "to": "WSW"
    }
  },
  "station": {
    "geometry": {
      "coordinates": [
        -73.872597,
        40.777199
      ],
      "type": "Point"
    },
    "location": "New York, New York, United States",
    "name": "La Guardia Airport",
    "type": "Airport"
  },
  "temperature": {
```

```
        "celsius": 2,
        "fahrenheit": 36
      },
      "raw_text": "KLGA 071451Z 27009G20KT 10SM BKN085 02/M09 A3015
RMK AO2 SLP210 T00171089 51006",
      "visibility": {
        "miles": "Greater than 10",
        "miles_float": 10.0,
        "meters": "16,100",
        "meters_float": 16100.0
      },
      "wind": {
        "degrees": 270,
        "speed_kph": 17,
        "speed_kts": 9,
        "speed_mph": 10,
        "speed_mps": 5,
        "gust_kph": 37,
        "gust_kts": 20,
        "gust_mph": 23,
        "gust_mps": 10
      }
    },
    {
      "icao": "KEWR",
      "barometer": {
        "hg": 30.16,
        "hpa": 1021.0,
        "kpa": 102.13,
        "mb": 1021.33
      },
      "ceiling": {
        "feet": 8500,
        "meters": 2591
      },
      "clouds": [
        {
          "base_feet_agl": 8500,
          "base_meters_agl": 2591,
          "code": "BKN",
          "text": "Broken",
          "feet": 8500,
          "meters": 2591
        }
      ],
      "dewpoint": {
        "celsius": -8,
        "fahrenheit": 18
      },
      "elevation": {
        "feet": 7.0,
```

```
      "meters": 2.0
    },
    "flight_category": "VFR",
    "humidity": {
      "percent": 45
    },
    "observed": "2024-12-07T14:51:00",
    "position": {
      "base": {
        "latitude": 40.72,
        "longitude": -73.99
      },
      "miles": 8.3,
      "meters": 15370.4,
      "bearing": {
        "from": 259,
        "to": 79
      },
      "orientation": {
        "from": "WSW",
        "to": "ENE"
      }
    },
    "station": {
      "geometry": {
        "coordinates": [
          -74.168701,
          40.692501
        ],
        "type": "Point"
      },
      "location": "Newark, New Jersey, United States",
      "name": "Newark Liberty International Airport",
      "type": "Airport"
    },
    "temperature": {
      "celsius": 3,
      "fahrenheit": 37
    },
    "raw_text": "KEWR 071451Z 25014G21KT 10SM BKN085 03/M08 A3016
RMK AO2 SLP212 T00281083 51006",
    "visibility": {
      "miles": "Greater than 10",
      "miles_float": 10.0,
      "meters": "16,100",
      "meters_float": 16100.0
    },
    "wind": {
      "degrees": 250,
      "speed_kph": 26,
      "speed_kts": 14,
```

```
      "speed_mph": 16,
      "speed_mps": 7,
      "gust_kph": 39,
      "gust_kts": 21,
      "gust_mph": 24,
      "gust_mps": 11
    }
  },
  {
    "icao": "KTEB",
    "barometer": {
      "hg": 30.15,
      "hpa": 1021.0,
      "kpa": 102.1,
      "mb": 1021.0
    },
    "clouds": [
      {
        "code": "CLR",
        "text": "Clear skies"
      }
    ],
    "dewpoint": {
      "celsius": -8,
      "fahrenheit": 18
    },
    "elevation": {
      "feet": 10.0,
      "meters": 3.0
    },
    "flight_category": "VFR",
    "humidity": {
      "percent": 48
    },
    "observed": "2024-12-07T14:51:00",
    "position": {
      "base": {
        "latitude": 40.72,
        "longitude": -73.99
      },
      "miles": 8.4,
      "meters": 15646.5,
      "bearing": {
        "from": 338,
        "to": 158
      },
      "orientation": {
        "from": "NNW",
        "to": "SSE"
      }
    },
```

```
      "station": {
        "geometry": {
          "coordinates": [
            -74.060799,
            40.850101
          ],
          "type": "Point"
        },
        "location": "Hasbrouck Heights, New Jersey, United States",
        "name": "Teterboro Airport",
        "type": "Airport"
      },
      "temperature": {
        "celsius": 2,
        "fahrenheit": 36
      },
      "raw_text": "KTEB 071451Z 28009G21KT 10SM CLR 02/M08 A3015 RMK
AO2 SLP209 T00221078 51005",
      "visibility": {
        "miles": "Greater than 10",
        "miles_float": 10.0,
        "meters": "16,100",
        "meters_float": 16100.0
      },
      "wind": {
        "degrees": 280,
        "speed_kph": 17,
        "speed_kts": 9,
        "speed_mph": 10,
        "speed_mps": 5,
        "gust_kph": 39,
        "gust_kts": 21,
        "gust_mph": 24,
        "gust_mps": 11
      }
    }
  ]
}
```


Previous Page
STATION

Next Page
TAF