

GEN 3.5 METEOROLOGICAL SERVICES

1. Responsible service

The meteorological services for civil aviation are provided by the Islamic Republic of Iran Meteorological Organization of the Ministry of road and Transportation.

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The service is provided in accordance with the provisions contained in the following ICAO documents:

Annex 3 - Meteorological Service for International Air Navigation
Doc 7030 - Regional Supplementary Procedures

Differences from these provisions are detailed in subsection GEN 1.7.

2. Area of responsibility

Meteorological service is provided within the Tehran FIR.

3. Meteorological observations and reports

Table GEN 3.5.3 Meteorological observations and reports

| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |
|------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| ABADAN OIAA | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 300m from THR RWY14R | H24 | Available on request |
| ABUMUSA ISLAND/ Abumusa OIBA | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 300m from THR RWY 08 | 0300-1500 (0200-1400) | Available on request |
| AGHAJARI OIAJ | The aerodrome is served by Omidiyeh (OIAJ) MET station. | | | | |
| AHWAZ OIAW | Half hourly plus special observation Semi-automatic | METAR, SPECI, NIL | Electric anemometer and wind vane 300m from THR RWY 12 RVR RWY30: TDZ: 311950.0N 0484627.0E (100M from CL) MID: 312018.0N 0484543.0E (100M from CL) END: NIL Electric anemometer TDZ RWY30: 312042.0N0484502.0E (110M from CL) TDZ RWY12: 311952.0N 0484628.0E (110M from CL) Ceilometer: TDZ RWY30: 312052.0N 0484439.0E (133M from Threshold) | H24 | Available on request |

| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |
|------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| ARDABIL OITL | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 150m from THR RWY 15 RVR RWY33 : TDZ:381853.0N 0482550.0E (94M from CL) MID: 381933.0N 0482522.0E (101M from CL) END: 382009.0N 0482456.0E (111M from CL) Electric anemometer TDZ RWY33: 381853.0N 0482550.0E (104M from CL) TDZ RWY15: 382008.0N 0482455.0E (121M from CL) Ceilometer: TDZ RWY33: 381833.0N 0482610.0E (442M from Threshold) TDZ RWY15: 382032.0N 0482445.0E (473M from Threshold) | H24 | Available on request |
| BAM OIKM | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 1000M from THR RWY 30 | O/R | NIL |
| BANDAR ABBASS INTL OIKB | Half hourly plus special observation Semi-automatic | METAR, SPECI, NIL | Electric anemometer and wind vane 1300M from THR RWY 21L | H24 | Available on request |
| BANDAR LENGEH OIBL | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 1700M from THR RWY 08 | H24 | Available on request |
| BANDAR MAHSHAHR/ Mahshahr OIAM | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 300M from THR RWY 31 | H24 | Available on request |
| BIRJAND OIMB | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 1500M from THR RWY 10 | H24 | Available on request |

| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |
|------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| BOJNORD OIMN | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | NIL | H24 | NIL |
| BUSHEHR OIBB | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | RVR TDZ RWY31R/L: 285603.3N 0505051.9E (141M left side of RWY31R CL and 487M beyond THR) Electric anemometer TDZ RWY 31R/L: 285602.7N 0505052.9E (134M left side of RWY 31R CL and 454M beyond THR) TDZ RWY13L/R: 285722.5N 0504911.6E (142M right side of RWY 13L CL and 138M beyond THR) Ceilometer TDZ RWY31R/L: 285546.2N 0505113.4E (144M left side of RWY 31R and 295m before THR) | H24 | Available on request |
| CHAH BAHAR / Konarak * OIZC | Hourly plus special observation NIL | METAR, SPECI NIL | Information not available | H24 | NIL |
| DEZFUL * OIAD | Hourly plus special observation NIL | METAR, SPECI NIL | Information not available | H24 | NIL |
| * The service is provided by IRIAF. | | | | | |
| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |

| | <i>automatic observing equipment</i> | <i>Supplementary Information included</i> | | | |
|-------------------------------------|--------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| ESFAHAN / Shahid Beheshti INTL OIFM | Half hourly plus special observation Semi-automatic | METAR, SPECI, NIL | Electric anemometer and wind vane 1700M from THR RWY 25L and 1500M from THR RWY 07R RVR TDZ 324518.0N 0515246.0E (115M left side of CL) Electric anemometer TDZ RWY 25R: 324517.0N 0515245.0E (125M left side of CL) | H24 | Available on request |
| GACHSARAN OIAH | Hourly plus special observation NIL | METAR, SPECI NIL | Information not available | H24 | Available on request |
| GHAZVIN OIHK | Hourly plus special observation NIL | METAR, SPECI NIL | Information not available | H24 | Available on request |
| GHESHM ISLAND / Gheshm OIKQ | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 1600M from THR RWY 05 | H24 | Available on request |
| GORGAN OING | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 350M right side of THR RVR: TDZ: 365513.5N 0542808.5E (60M from CL) | H24 | Available on request |
| HAMADAN OIHH | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 300M from THR RWY 10 | H24 | Available on request |
| HAMADAN / Nogeh* OIHS | Hourly plus special observation NIL | METAR, SPECI NIL | Information not available | H24 | NIL |
| ILAM OICI | Hourly plus special observation Automatic | METAR, SPECI NIL | Electric anemometer and wind vane 400M from THR RWY 14 RVR site: TDZ: 333437.0N 0462455.0E 100M from CL | H24 | Available on request |

| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |
|----------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| IRAN SHAHR OIZI | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 665M from THR RWY 35 | H24 | Available on request |
| JAM / Tohid OIBJ | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 300M from THR RWY 11 | 0300-1500 (0200-1400) | Available on request |
| JIROFT OIKJ | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 300M from THR RWY 31 | O/R | NIL |
| KARAJ / Payam OIIP | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 500M from THR RWY 30 | H24 | NIL |
| JIROFT OIKJ | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 300M from THR RWY 31 | O/R | NIL |
| KARAJ / Payam OIIP | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 500M from THR RWY 30 | H24 | NIL |
| KERMAN OIKK | Hourly plus special observation Semi-automatic | METAR, SPECI, NIL | Electric anemometer and wind vane 850M from THR RWY 34 | H24 | Available on request |
| KERMANSHAH / Shahid Ashrafi Esfahani OICC | Half hourly plus special observation Semi-automatic | METAR, SPECI, NIL | Electric anemometer and wind vane 1450M from THR11 RVR RWY 29: TDZ: 342028.0N 0470931.0E (100M from CL) MID: 342048.0N 0470931.0E (100M from CL) Electric anemometer TDZ RWY 29: 342106.0N 0470836.0E (120M from CL) TDZ RWY 11: 342020.0N 0470836.0E (120M from CL) | 0300-1500 (0200-1400) | Available on request |
| * The service is provided by IRIAF. | | | | | |

| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |
|------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| KHARK ISLAND / Khark OIBQ | Hourly (half hourly on operational time) plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 1500M from THR RWY 32 | 0300-1500 (0200-1400) | Available on request |
| KHORAM ABAD OICK | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 1700M from THR RWY 29 RVR: TDZ: 332657.6N 0481736.9E (105M from CL) Electric anemometer RWY29: TDZ :332556.9N 0481738.5E (105M from CL) RWY11: TDZ :332626.3N 0481615.2E (105M from CL) | H24 | Available on request |
| KISH ISLAND / Kish OIBK | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 200M from THR RWY 09L | H24 | Available on request |
| LAMERD OISR | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 500M from THR RWY 29 | 0300-1500 (0200-1400) | Available on request |
| LAR OISL | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 700M from THR RWY 09 | 0300-1800 (0200-1700) | Available on request |
| LAVAN OIBV | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 400M from THR RWY 11 and 1850M from THR RWY 29 | 0300-1500 (0200-1400) | Available on request |
| MARAGHEH / Sahand OITM | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 100M from THR RWY 26 | H24 | Available on request |

| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |
|------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| MASHHAD / Shahid Hashemi Nejad INTL OIMM | Half hourly plus special observation Semi-automatic | METAR, SPECI, NIL | Electric anemometer and wind vane 1250M from THR RWY13R (345M from RCL) Main RVR: 425M from THR RVR RWY 31R: TDZ: 361333.3N 0593910.3E (110M from CL) Electric anemometer RWY 31R: TDZ: 361332.7N 0593911.2E (105M from CL) Electric anemometer RWY 13L: TDZ: 361442.5N 0593741.0E Ceilometer RWY 31R: Final: 361315.0N 0593937.3E (68M from CL) Ceilometer RWY 13L: Final: 361458.3N 0593720.6E (95M from CL) Back up RVR: RVR RWY 31R: TDZ: 361333.3N 0593910.8E (105M from CL) MID: 361406.6N 0593827.6E (105M from CL) END: 361441.4N 0593742.5E (105M from CL) | H24 | Available on request |
| MASJED SOLEIMAN / Shahid Asyae OIAI | Hourly plus special observation NIL | METAR, SPECI NIL | Information not available | H24 | Available on request |
| NOSHAHR OINN | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 800M from THR RWY10 | H24 | Available on request |
| OMIDIYEH OIAJ | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 400M from THR RWY 30 | H24 | Available on request |
| PARSABADE MOGHAN OITP | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 165M from THR RWY 29 | O/R | NIL |
| RAFSANJAN OIKR | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 300M from THR RWY 11 | H24 | Available on request |
| RAMSAR OINR | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 100M from THR RWY 31 | H24 | Available on request |

| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |
|--------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| RASHT OIGG | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 300M from THR RWY 27 RVR RWY27: TDZ: 371926.2N 0493700.3E (120M from CL) END: 371926.1N 0493701.5E (110M from CL) Electric anemometer TDZ RWY 27: 371925.3N 0493701.6E (120M from CL) TDZ RWY 09: 371928.8N 0493526.1E (190M from CL) Ceilometer TDZ RWY 27: 371928.6N 0493728.3E (110M from Treshold) | H24 | Available on request |
| SANANDAJ OICS | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 500M from THR RWY 19 RVR RWY19: TDZ :351516.0N 0470041.6E (105M right side of CL) Electric anemometer TDZ RWY 19 : 351516.0N 0470041.6E (108M from CL) Ceilometer TDZ RWY 19: 351530.3N 0470051.0E (133 M from THR along CL) | H24 | Available on request |
| SARI / Dasht-e-naz OINZ | Hourly plus special observation NIL | METAR, SPECI NIL | Information not available | H24 | NIL |
| SHAHRE KORD OIFS | Hourly plus special observation Semi-automatic | METAR NIL | Electric anemometer and wind vane 420M from THR RWY 32 | H24 | Available on request |
| SHAHROUD OIMJ | Hourly plus special observation NIL | METAR NIL | Electric anemometer and wind vane 246M from THR RWY 07 | O/R | NIL |
| SHIRAZ / Shahid Dastghaib INTL OISS | Half hourly plus special observation Semi-automatic | METAR, SPECI, TREND NIL | Electric anemometer and wind vane 250M from THR RWY 29 (between RWY 29L and 29R) RVR RWY29L: 312 M FROM 29L THR 110 M RIGHT SIDE OF 29L C/L | H24 | Available on request |
| SIRJAN OIKY | Hourly plus special observation NIL | METAR, SPECI NIL | Information not available | O/R | NIL |

| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |
|------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| SIRRI ISLAND / Sirri OIBS | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 700M from THR RWY 30 | 0300-1500 (0200-1400) | Available on request |
| TABRIZ INTL OITT | Half hourly plus special observation Semi-automatic | METAR, SPECI, NIL | Electric anemometer and wind vane 750M from THR RWY 30 RVR Site RWY30R: TDZ: 380725.4N 0461459.3E (78M Left side of CL) Electric anemometer RWY 30R: TDZ: 380725.9N 0461458.2E (83M from CL) RWY 12L: TDZ: 380826.7N 0461322.1E (90M from CL) Ceilometer RWY30R: TDZ: 380716.6N 461518.4E (358M from THR along CL) | H24 | Available on request |
| TEHRAN / Doshan Tappeh * OIID | Hourly plus special observation NIL | METAR, SPECI NIL | Information not available | 0300-1500 (0200-1400) | NIL |
| TEHRAN / Imam Khomeini INTL OIIE | Half hourly plus special observation Semi-automatic | METAR, SPECI, TREND NIL | Electric anemometer and wind vane 750M from THR RWY 29R RVR : TDZ: 352453.9N 0510946.7E (105M from CL) MID: 352512.6N 0510839.5E (102M from CL) END: 352530.9N 0510732.1E (101M from CL) Electric anemometer TDZ RWY 29: 352536.8N 0510948.6E (270M from CL) TDZ RWY11: 352536.0N 0510735.9E (270M from CL) Ceilometer RWY 29 R: 352442.4N 0511016.3E (500M from THR and MAG TR 283/103) RWY 11 L: 352536N 0510701E (499M from THR and MAG TR 102/282) | H24 | Available on request |

| <i>Name of station/ Location indicator</i> | <i>Type & frequency of observation/ automatic observing equipment</i> | <i>Type of MET reports & Supplementary Information included</i> | <i>Observation System & Site(s)</i> | <i>Hours of operation</i> | <i>Climatological Information</i> |
|------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| TEHRAN / Mehrabad INTL OIII | Half hourly plus special observation Semi-automatic | METAR, SPECI, TREND NIL | Electric anemometer and wind vane 750M from THR RWY 29R RVR Site: TDZ: 354141.3N 0511740.1E (90M from CL) MID: 354123.4N 0511842.1E (90M from CL) END: 354101.8N 0511956.8E (90M from CL) Electric anemometer TDZ RWY 29: 354900.4N 0511959.5E (90M from CL) TDZ RWY 11: 354141.7N 0511739.2E (90M from CL) Ceilometer RWY29 : 354057.8N 0512013.5E (364M from THR RWY 29R and MAG TR 298/118) (311M from THR RWY 29L and MAG TR 259/079) | H24 | Available on request |
| UROMIYEH OITR | Hourly plus special observation NIL | METAR, SPECI NIL | Electric anemometer and wind vane 200M from THR RWY 03 | H24 | Available on request |
| YAZD / Shahid Sadooghi INTL OIYY | Hourly plus special observation Semi-automatic | METAR, SPECI, NIL | Electric anemometer and wind vane 400M from THR RWY 31 | H24 | Available on request |
| ZABOL OIZB | Hourly plus special observation Semi-automatic | METAR, SPECI NIL | Electric anemometer and wind vane 665M from THR RWY 34 | H24 Except At 0100, 2200 and 2300 UTC METAR not available | NIL |
| ZAHEDAN INTL OIZH | Half hourly plus special observation Semi-automatic | METAR, SPECI, NIL | Electric anemometer and wind vane 1870M from THR RWY 35 | H24 | Available on request |

* The service is provided by IRIAF.

4. Types of services

4.1 General

Personal briefing and consultation for flight crew members is provided at Tehran/ Imam Khomains Intl airport. For all other aerodromes consultation is available by telephone.

Flight documentation is normally provided for domestic flights. For international flights the flight documentation comprises a significant weather chart, upper wind and upper air temperature charts and the latest available OPMET for the destination and alternate aerodromes.

Pilots can obtain this information (for some AD) by using telephone numbers which are included in AD 2 subsection AD 2.11.

4.2 RVR

RVR information is provided in Ahwaz (OIAW), Ardabil (OITL), Bushehr (OIBB), Esfahan/Shahid Beheshti (OIFM), Gorgan (OING), Ilam (OICI), Kermanshah/Shahid Ashrafi Esfahani (OICC), Khoram Abad (OICK), Mashhad/Shahid Hasheminejad (OIMM), Rasht/Sardar e Jangal (OIGG), Sanandaj (OICS), Shiraz / Shahid Dastghaib (OISS) Tabriz (OITT), Tehran/Imam Khomains (OIIE), Tehran/Mehrabad (OIHI) and Uromiyeh (OITR) airports by instrumented RVR systems with following specifications:

RVR Operational Specifications

| Accuracy | Range | Accuracy |
|---------------|-----------------------|----------|
| | 0 - 400 m | ± 25 m |
| 400 - 800 m | ± 50 m | |
| 800 - 2000 m | ± 100 m | |
| Resolution | 0.1 m | |
| Sampling Rate | 1000 / sec | |
| Averaging | 1 MIN gliding average | |

5. Notification required from operators

Notification from operators in respect of briefing consultation, flight documentation and other meteorological information needed by them (ref. ICAO Annex 3, 2.3) is normally required:

- a) for intercontinental flights at least 3 hours before the expected time of departure.
- b) for flights operating within Tehran FIR at least 2 hours before the expected time of departure.

6. Aircraft reports

Pursuant to Annex 3, 5.3.1 the making and transmission of air reports (AIREP) is required at the following ATS/MET reporting points:

Abadan
 Birjand
 Esfahan (on request)
 Sabzevar
 Uromiyeh (on request)
 Zahedan (on request)

7. VOLMET service

Not provided

8. SIGMET service

Table GEN 3.5.8 SIGMET service

| Name of MWO/ location indicators | Hours | FIR served | Type of SIGMET/validity | Specific procedures | ATS unit served | Additional information |
|-------------------------------------|-------|------------|------------------------------------|------------------------|--------------------|---------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| TEHRAN OIII | H24 | Tehran FIR | SIGMET/ 4 HR AIRMET/ WARNING | NIL | Tehran ACC | NIL |

8.1 General

For safety of air traffic, the Meteorological Authority maintains an area meteorological watch and warning service. This service consists partly of a continuous weather watch within the FIR and the issuance of appropriate information (SIGMET and AIRMET) by Meteorological Watch Offices, partly of the issuing of warnings for the respective aerodrome and, subject to agreement, for other aerodromes by all aeronautical MET offices.

8.2 Area Meteorological Watch Service

The area meteorological watch service is performed by the Tehran Meteorological Watch Office (MWO).

The MWO issue information in the form of SIGMET and AIRMET messages about the occurrence or expected occurrence of one or several of the following significant meteorological phenomena:

- Thunderstorms¹
- Severe turbulence
- Severe icing
- Severe mountain waves
- Heavy sand storm/dust storm
- Volcanic ash cloud
- Tropical cyclone
- Radioactive cloud

The SIGMETs and AIRMETs are issued in abbreviations and plain language using ICAO abbreviations and are numbered consecutively for each day commencing at 0001. Their period of validity is generally limited to less than 4 hours from the time of transmission.

The MWO transmit SIGMETs and AIRMETs issued by itself, as well as SIGMET and AIRMET of adjacent MWOs and, upon agreement, also SIGMET and AIRMET of other MWOs, to the regional control centre competent for the FIR or UIR concerned.

In addition to the issuance of SIGMETs and AIRMETs, the MWOs will inform the regional control centers concerned about the occurrence or expected occurrence of thunderstorms, moderate icing, light to moderate hail, or moderate turbulence within the FIRs concerned. The information is intended for the safety of low-level flights and is limited to the lower airspace.

8.3 Warning Service

Warnings for the protection of parked and moored aircraft or of other equipment at the airport are issued by all aerodrome meteorological offices, if one or several of the following phenomena are expected to occur at the airport:

- Squall²
- Thunderstorm
- Hail
- Frost³
- Heavy rime deposit
- Heavy snow
- Freezing precipitation

Differences from these criteria have to be agreed upon locally.

The warnings are generally issued in English and are distributed in accordance with a distribution list which has to be agreed upon locally. In order to guarantee a rapid dissemination of the warnings, the distribution list to be used shall, as far as possible, contain only one recipient for an interested group; this recipient will be responsible for the further dissemination of the warning within the group.

SIGMET and AIRMET Information is disseminated H24, in addition to directed transmissions to aircraft general calls, as an aeronautical or radio broadcast:

- a) by the Tehran Area Control Centre for Tehran FIR;
- b) by the ATS units for their own area of responsibility

The information is broadcast from MWO concerned and repeated every half and full hour during the period of validity of the SIGMET and AIRMET Information.

1. Area of widespread cumulonimbus clouds or cumulonimbus along a line (squall line) with little or no space between individual clouds, or cumulonimbus embedded in cloud layers or obscured by haze.

2. The warning is designated as "storm warning" and will be issued when the mean speed of the surface wind is expected to exceed 34 kt (Beaufort Scale 8) or when gusts in excess of 41 kt (Beaufort Scale 9) are expected to occur.

3. A "frost warning" will be issued when the air temperature is expected to fall below 0°C on those dates when protective measures have generally not yet been taken and also when a substantial deposit of hoarfrost, e.g. on wing surfaces, is expected.