



TURKISH STATE METEOROLOGICAL SERVICE



PRESENTATION PLAN



ACTIVITIES



TRAININGS



OBSERVATION NETWORK



1636
AWOS

74
Airport AWOS

83
Marine AWOS

20 Radar
17 C-Band
1 Mobile X-Band
2 Hf Marine Radar



41
Lightning
Detection Station

10
Upper Air
Station

1
Low Level Wind
Shear Alert System

2
Dust Observing
System



1867
Observing Systems

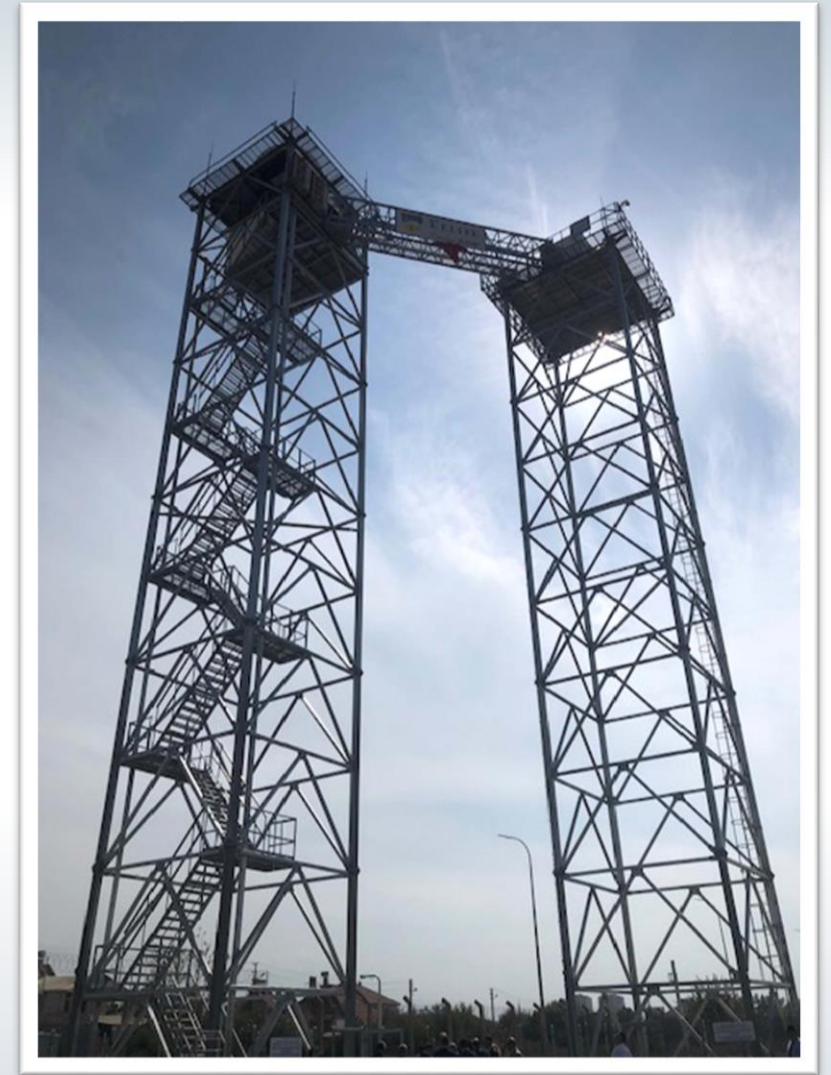
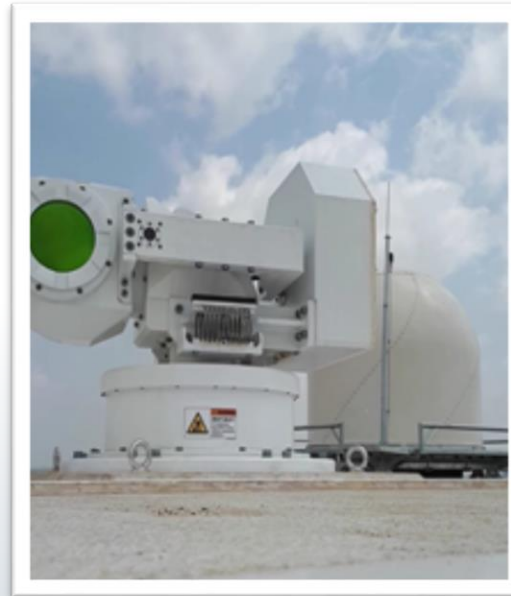
- Airport Automatic Weather Observation System (A-AWOS) was established at Istanbul Airport.



- Meteorology tower was built in Turkey for the first time. 24/7 service is provided inside the tower.



- Low Level Wind Shear Alert System was established at Antalya Airport for the first time in our country. With the help of the system, low-level wind shear occurrence probability during takeoff and landing of aircrafts can be noticed.





IDEF'19 14TH INTERNATIONAL DEFENCE INDUSTRY FAIR EUMETSAT INDUSTRY DAY



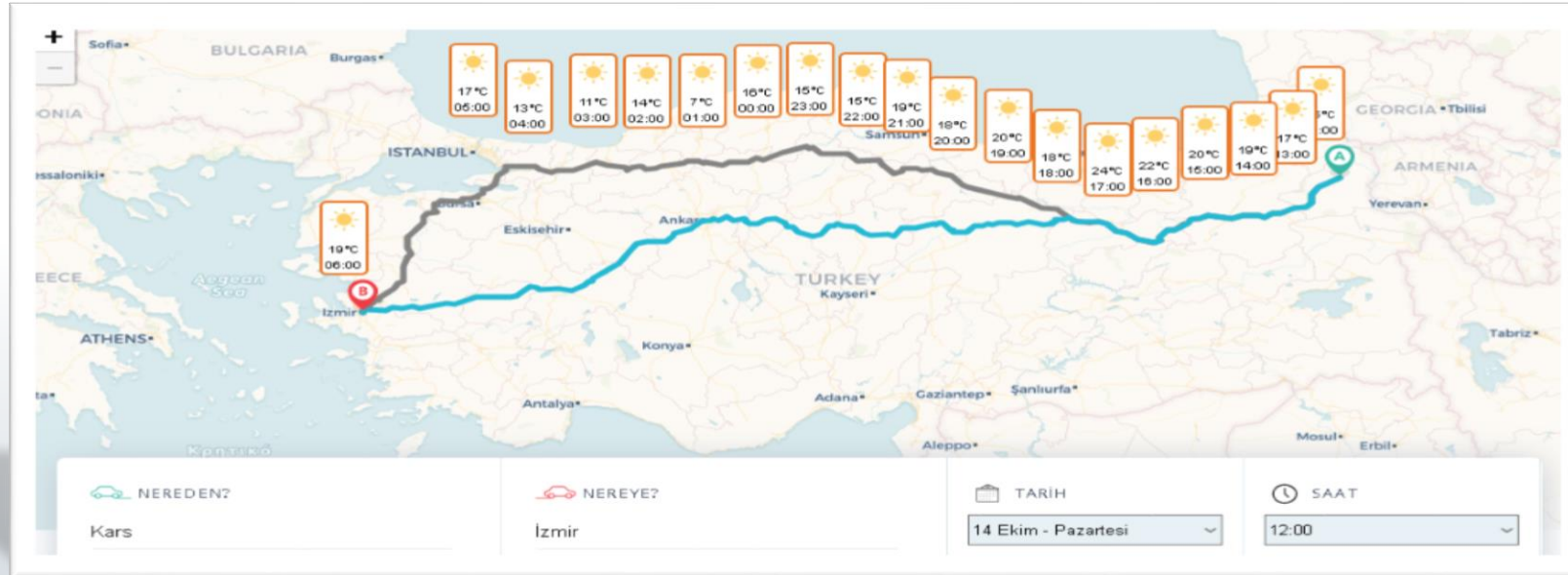
Turkish State Meteorological Service organized the EUMETSAT Industry Day event within the scope of the 14th International Defense Industry Fair (IDEF'19) held in Istanbul from April 30 to May 03 to meet with national companies in the sector.



- Railways Forecast System (RFS) which shows the regions where the meteorological phenomena may cause a risk along the railway route was developed.



250 officials from Turkish State Railways were added to TSMS's SMS and E-Mail Warning List





In order to send meteorological warnings to 4.8 million farmers via SMSs, Training and cooperation protocol was signed with the Union Of Turkish Chambers Of Agriculture .



METEO UYARI



meteoUYARI
Haberdar olun, hazırlıksız yakalanmayın

Stay informed, stay prepared!

MeteoWarning system has been activated, by which meteorological warnings are issued with color codes.

The application aims to provide public and authorities with a better understanding of the meteorological warnings.

The screenshot shows the METEO UYARI website interface. At the top, there are navigation links for 'MeteoUyari' and 'Türkiye'. Below the navigation, there is a map of Turkey with color-coded regions. A legend below the map indicates the color codes: Yeşil (Green), Sarı (Yellow), Turuncu (Orange), and Kırmızı (Red). Below the map, there is a table of weather warnings for various cities. The table has two columns for city names and their corresponding warning icons. The cities listed are Antalya, Edirne, Kırklareli, Muğla, Tekirdağ, Çanakkale, İstanbul, Kocaeli, Sakarya, and Yalova. The warning icons are lightning bolts, snowflakes, and other weather symbols.

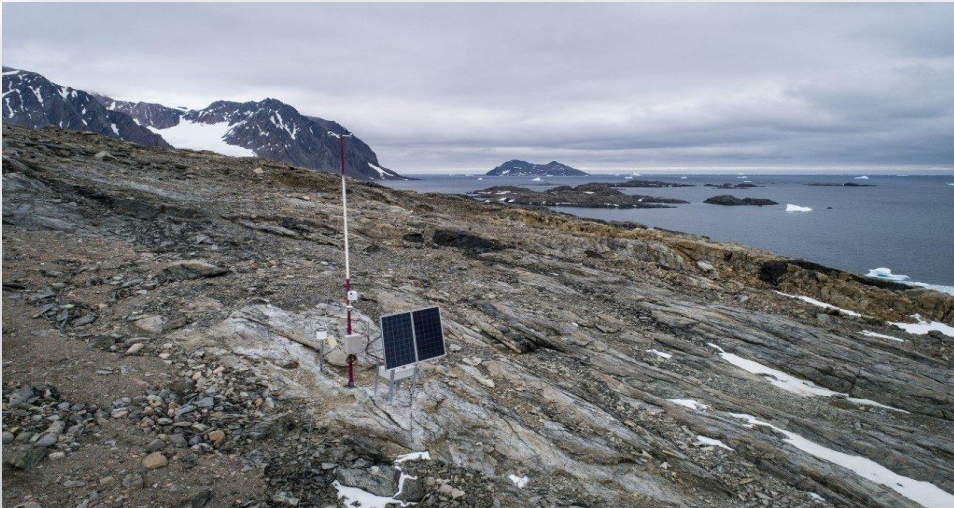
Antalya	⚡	⚡	Çanakkale	☁	☁	☁
Edirne		☁	İstanbul		☁	☁
Kırklareli		☁	Kocaeli		☁	☁
Muğla	⚡	⚡	Sakarya		☁	☁
Tekirdağ		☁	Yalova		☁	☁



ANTARTICA MISSION AND AWOS ESTABLISHMENT



For the first time this year, Mehmet Yıkılmaz who is an engineer working in the Turkish State Meteorological Service participated in the 3rd National Antarctic Science Expedition as well as the scientists attending from various universities. In the scope of this Project Automatic Meteorological Observation System (AWOS) was established on the continent.



Meteorolojik Verilere Göre Ölçülen Polenlerden Astım ve Alerji Hastalarının Gün İçinde Etkilenme Olasılığı

11 km/sa

23 °C

07.10.2019 - 13.10.2019 Tarihleri arası atmosferik polen ölçümlerine ve 21.10.2019 saat 15:00-18:00 arası meteorolojik değişimlere göre gün içinde polenlerden etkilenme olasılığınız **"YÜKSEKTİR"**

21.10.2019 (15:00 - 18:00)

Ölçüm Haftası : 07.10.2019 - 13.10.2019 Tarihleri Arası Polen Ölçümleri
Lokasyon : İzmir
İstasyon : Ege Üniversitesi ve Meteoroloji 2. Bölge Müdürlüğü İstasyonu

Ağaç ve Çalı Polenleri

Polen Konsantrasyonu
Yüksek

• Casuarina equisetifolia/Ironwood tree/Demir ağac

Yabani Ot Polenleri

Polen Konsantrasyonu
Düşük

Bugün Yabani Ot alerjenleri tespit edilmedi

Çayır Polenleri

Polen Konsantrasyonu
Düşük

Bugün Çayır Polenleri alerjenleri tespit edilmedi

Ege Üniversitesi ve Meteoroloji Genel Müdürlüğü'nün ortak çalışması ile başlatılan Polen Alerji Bü... **Devamı için tıklayınız.**

Bülten detayı için tıklayınız...

- In cooperation with Ege University, TSMS has initiated a project to make Pollen Forecasts and Warnings which are published on our website.
- Also, a project for the development of national pollen monitoring device to perform pollen measurements automatically has started.



Agricultural meteorology website has been published so that farmers can access detailed information necessary for their agricultural management activities.



Saatlik Tahmin

Sıcaklık	19	17	15	12	9	14	20	22	18	17	14
Rüzgar	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Yağış	Zamank	-	-	-	-	-	-	-	-	-	-
Zirai Don	Risk Yok	Risk Yok	Risk Yok	Risk Yok	Risk Yok	Risk Yok	Risk Yok	Risk Yok	Risk Yok	Risk Yok	Risk Yok
İlaçlama	✘	✘	✘	✘	✘	✔	✔	✘	✔	☹	☹
Sıcaklık Stresi	Stres Yok	Stres Yok	Stres Yok	Stres Yok	Stres Yok	Stres Yok	Stres Yok	Hafif Stres	Stres Yok	Stres Yok	Stres Yok
	15 - 18	18 - 21	21 - 24	24 - 03	03 - 06	06 - 09	09 - 12	12 - 15	15 - 18	18 - 21	21 - 24
	Pts	Pts	Sal	Sal	Sal	Sal	Sal	Sal	Sal	Sal	Çar

5 Günlük Tanımsal Hava Tahmini

Hökümum	Minimum	Hökümum	Minimum	Hökümum	Minimum	Hökümum	Minimum	Hökümum	Minimum
22°C	9°C	21°C	8°C	22°C	8°C	21°C	8°C	19°C	7°C
Pustu	Pustu	Pustu	Pustu	Pustu	Pustu	Pustu	Pustu	Pustu	Pustu
Rüzgar Yönü ▲ doğu - kD	Rüzgar Hız(km/sa) 18	Rüzgar Yönü ▲ Kuzeydoğu	Rüzgar Hız(km/sa) 15	Rüzgar Yönü ▲ Kuzeydoğu	Rüzgar Hız(km/sa) 11	Rüzgar Yönü ▲ Kuzey - kD	Rüzgar Hız(km/sa) 8	Rüzgar Yönü ▲ Kuzey - kD	Rüzgar Hız(km/sa) 8
Nem (%) 41 - 93	Yağış -	Nem (%) 28 - 91	Yağış -	Nem (%) 23 - 73	Yağış -	Nem (%) 28 - 61	Yağış -	Nem (%) 31 - 88	Yağış -
Zirai Don Riski Risk Yok	İlaçlama ✔	Zirai Don Riski Risk Yok	İlaçlama ✔	Zirai Don Riski Risk Yok	İlaçlama ✔	Zirai Don Riski Risk Yok	İlaçlama ✔	Zirai Don Riski Risk Yok	İlaçlama ✔
22 Ekim Salı	23 Ekim Çarşamba	24 Ekim Perşembe	25 Ekim Cuma	26 Ekim Cumartesi					

- Harvest Time Forecast Program
- Drought Monitoring System
- Temperature Humidity Stress Calculation Program
- Plant Cooling Request Program



MOBILE OBSERVATION AND FORECASTING CENTER



For providing uninterrupted meteorological services to the public and the authorities in disaster regions, the “Mobile Observation and Forecasting Center” is established in scope of the cooperation protocol with Disaster and Emergency Management Authority.





18TH WORLD METEOROLOGICAL CONGRESS



Turkish State Meteorological Service Director-General Mr. Volkan Mutlu COŞKUN was elected as a member of WMO Executive Council at the 18th World Meteorological Congress held in Geneva.



WORLD METEOROLOGICAL ORGANIZATION REGIONAL TRAINING CENTER



Within the scope of World Meteorological Organization Regional Training Center activities, 137 meteorologists and trainees were trained from approximately 50 countries on Calibration, Climate Analysis and Applications, Sand and Dust Storms.



- 15 - 19 October 2018 - International Training on Climate Applications and Analysis Training
- 12 - 15 November 2018 - International Workshop on Sand and Dust Storms





THE 11TH INTERNATIONAL TRAINING WORKSHOP ON CLIMATE VARIABILITY AND PREDICTION



- The 11th International Training Workshop on Climate Variability and Predictions and the Global Climate System Variability and Predictability Symposium hosted by TSMS and jointly organized by WMO, NOAA and USAID with the participation of 62 experts from all over the world on 15-26 April 2019 in Ankara.



INTERNATIONAL AUTOMATIC WEATHER OBSERVATION SYSTEM (AWOS) TRAINING



International Automatic Weather Observation System (AWOS) installation, maintenance and operation training was held with the participation of meteorological experts from 16 countries in Alanya Regional Training Center.



FLASH FLOOD GUIDANCE EARLY WARNING SYSTEM (FFGS) GLOBAL WORKSHOP



- Nearly 200 experts from more than 60 countries are participating in FFGS Global Workshop in Antalya at the moment. This workshop is organized jointly by the World Meteorological Organization (WMO), US Agency for International Development (USAID), and National Oceanic and Atmospheric Administration (NOAA).
- It is the first workshop which is held globally.



24TH ALADIN GENERAL ASSEMBLY



Regular 24th ALADIN General Assembly and 5th Joint ALADIN General Assembly and Hirlam Council will be held in Istanbul, Turkey, between 16 and 17 December 2019.





Thank You

