

t.c. içişleri bakanlığı **AFET VE ACİL DURUM YÖNETİMİ BAŞKANLIĞI**



COUNTRY REPORT OF TÜRKİYE

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January 20, 2025 - KOBE

Disclaimer

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GENERAL DESCRIPTION OF REPUBLIC OF TÜRKİYE (1)





GENERAL DESCRIPTION OF REPUBLIC OF TÜRKİYE – Climate (2)



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GENERAL DESCRIPTION OF REPUBLIC OF TÜRKİYE – Government (3)





HAZARD CHARACTERISTIC OF THE COUNTRY





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Earthquake





4.0-4.9

5.0-5.9 6-6.9

ÜRDÜN

Earthquake Hazard Map





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Mass Movements (Landslide, Rockfall, Avalanche)





Flood

The number of floods in **2023 is 565**. There has been an increase in floods since the 2000s. In the last 10 years, approximately 100 or more floods have occurred each year.





Years Distribution of Floods Occurring in Türkiye Between 1940-2023 by Year

August 11, 2021, Kastamonu, Türkiye



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Forest Fires









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DISASTER AND EMERGENCY MANAGEMENT AUTHORITY (AFAD)

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BUDGET SIZE ON NATIONAL LEVEL

INVESTMENT BUDGET SPECIAL BUDGET

Special Budgets in Disasters and Emergencies

This budget is used to carry out precautionary projects that require very large budgets in the field of disaster risk reduction, especially in cases of landslides, rock falls, etc.

Within the scope of disaster prevention project implementation work, from the special budget between 2020 and 2024; 103 Projects have been completed, 66 Projects are ongoing, 32 Projects are in the evaluation phase. A total of 784,232,981 Turkish Liras (Approximately 23 Millon Dollars) was spent for 169 Projects.

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- **AFAD Strategic Plan**
- Türkiye Disaster Management Strategy (TAYS)
- Türkiye Disaster Response Plan (TAMP)
- Türkiye Post-Disaster Recovery Plan (TASIP)
- Türkiye Disaster Risk Reduction Plan (TARAP)

- **Provincial Disaster Risk Reduction Plan (IRAP)**
- Climate Change Mitigation Strategy And Action Plan 2024-2030
- Climate Change Adaptation Strategy And Action Plan (2024-2030)

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1st Level - Province
2nd Level - Province & Support
provinces
3th Level - National
4th Level - International

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Türkiye Disaster Risk Reduction Plan (TARAP)

AFAD

CONTENT OF IRAP

General situation of the province -Hazard and risk analysis

Risk reduction actions

Monitoring and evaluation

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Name of the Study	Priority 1	Priority 2	Priority 3	Priority 4
Istanbul Seismic Risk Reduction and Emergency Preparedness Capacity Enhancement Project (ISMEP)	~	~	~	~
Disaster Hazard Maps	~	~		
National Geographic Information System (GIS)	~	~		
Hazardous Materials Risk Map	~	~		
AFAD Industrial Accident Impact Area Modeling Software (AFAD-EKA)	~	~		

Disaster Management Platform (AYDES)

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Earthquake Observation Stations

WEB SERVİSLER

MINISTRIES & SYSTEMS

WEB SERVICES

MINISTRIES & SYSTEMS

Point Disaster Scorecard

Noktasal Afet Karnesi					
Nokta	37.038, 35.791	兪	Deprem	0.280 Gal	PSA-475
il	Adana	No.	Heyelan	Çek Düşük	Coyatrik
liçe	Ceyhan	2	Sel / Taşkın	0.100 Merre	Sa Yakachigi
Mohalle	Büyülamangıt Mh.	N	Kaya Düşmesi	Hazırlamyor	Dayettik
Ada / Parsel	07548	<u>N.</u>	Çığ	Hazırlanıyor	Buyatink
Tapu Kimlik	5078188	64	Endüstriyel Kozo	Hazırlanıyor	Dayinink
Tapu Cins	TARLA		Tehlikeli Mødde	Hazırlanıyor	Cuyates

Disaster Risk Reduction System (ARAS) – Disaster Maps

Landslide

Rockfall

Avalance

SEVESO III Directive

- For 600 chemical substances,
- 20 different internationally accepted models,
- Fire, explosion and toxic dispersion impact area modeling has been developed.

• Total 1.534.168 AFAD volunteer

AFAD Accerediation System

Number of Accredited Teams

ACCREDITATION	ACCREDITED TEAM		TEAM UNDER REVIEW		
ТҮРЕ	TEAM NUMBER	NUMBER OF MEMBERS	TEAM NUMBER	NUMBER OF MEMBERS	
URBAN SEARCH AND RESCUE	242	7770	88	3011	
NUTRITION	8	306	8	264	
PSYCHOSOCIAL SUPPORT	15	176	6	110	, • •
IN-KIN DONATIONS AND WAREHOUSE MANAGEMENT	2	60	2	40	, , , ,
DISASTER AND EMERGENCY TRAINING	14	145	10	63	,,,,
EMERGENCY SHELTER IN DISASTER	-	-	3	100	,,,
TOPLAM	281	8457	117	3588	

The expected result of this research is to examine the structure in Japan and compare it with Türkiye by discussing the following issues with the relevant units for disasters caused by climate change.

- Flood
- Landslide, Avalanche
 - Drought
 - Forest fire
 - Heat-cold wave,
- Extreme heat/cold,
 - Storm, hail

- Analysis of national/international documents specifically on disasters caused by climate change
- Global climate change documents and agreements
- Climate change projections and disaster-based scenarios
- Public awareness studies on climate change and disasters
- National and local climate adaptation action plans
- Structural and non-structural adaptation studies and implementation
- Volunteer system and the roles and responsibilities of volunteers in disasters caused by climate change

FEBRUARY 6, 2023

TIME: 04.17 & 13.24

FEBRUARY 6 EARTHQUAKES - GENERAL INFORMATION

The disaster level was declared as 4 at 05:02, 45 minutes after the earthquake that occurred at 04:17.

SAME DAY 7,7 - 7,6 ve 6,5 Mw 3 BIG EARTHQUAKE

IN TOTAL, **7 MAJOR** EARTHQUAKES **68000+** AFTERSHOCKS OCCURRED.

FEBRUARY 6 EARTHQUAKES - GENERAL INFORMATION

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NATURAL DISASTER. • FEBRUARY 6 (Mw:7.7) **Affected People AREA OF INFLUENCE** ADANA; 2.274.106 PEOPLE ADIYAMAN; 635.169 PEOPLE DİYARBAKIR; 1.804.880 PEOPLE **30 QUADRILLION JOULES** 120 Thousand km2 ELAZIĞ: 591.497 PEOPLE **14 MILLION** GAZIANTEP: 2.154.051 PEOPLE HATAY; 1.686.043 PEOPLE KAHRAMANMARAS; 1.177.436 PEOPLE **KILIS: 147.919 PEOPLE** ADANA; 13.844 km² MALATYA: 812.580 PEOPLE HAİTİ EARTHQUAKE (Mw:7) ADIYAMAN; 7.337 km² OSMANİYE; 559.405 PEOPLE DİYARBAKIR; 15.101 km² ŞANLIURFA; 2.170.110 PEOPLE **2.1 QUADRILLION JOULES** ELAZIĞ; 9.383 km² GAZİANTEP; 6.803 km² 11 PROVINCES, 124 DISTRICTS, 6,929 VILLAGES WERE HATAY; 5.524 km² KAHRAMANMARAS; 14.520 km² KiLiS; 1.412 km² AFFECTED, INTENSIVE DESTRUCTIONS OCCURRED IN 62 • LOMA PRIETA EARTHQUAKE (Mw:6.9) MALATYA; 12.259 km² OSMANİYE; 3.320 km² ŞANLIURFA; 19.242 km² **1.5 QUADRILLION JOULES** DISTRICTS. Elazığ Malatya HIROSHIMA ATOMIC BOMB Kahramanmaras Diyarbakır **15 TRILLION JOULES** Adıyaman Osmaniye Gaziantep Adana Şanlıurfa The February 6 earthquakes are 2,000 times Kilis larger than the Hiroshima Atomic Bomb. Hatay 33/36 www.afad.gov.tr

ACCORDING TO EXPERTS, THESE EARTHQUAKES, WHICH OCCURRED APPROXIMATELY NINE HOURS APART, ARE AN UNUSUAL AND RARE

THE EARTHQUAKE WAS

HEAVILY FELT IN SYRIA,

AS WELL AS EGYPT,

LEBANON, KKTC, AND

IRA

RAZABOIKAT-4.17-7.

ELBISTADI AN 13.24-76

THANK YOU

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