**TITLE MUST BE IN TIMES NEW ROMAN FORMAT, IN CAPITAL LETTERS AND 12 POINT BOLD, TITLE MUST BE CENTERED**

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**ABSTRACT**  
This text should be written in **10-point** Times New Roman font and must not exceed 250 words. This study investigates southerly windstorms that affected the Marmara Region between 2000 and 2010, focusing on their annual and monthly distribution and frequency. Synoptic-scale patterns associated with these windstorms were also analyzed. It was determined that 98.85% of the windstorms were directly related to frontal systems associated with the approach or passage of low-pressure centers and their corresponding fronts, or with warm sector intrusions.

**Keywords:** Southerly windstorms, Marmara Region, low-pressure systems, frontal systems (written in 9-point italic Times New Roman, maximum 4 keywords)

**Başlık Times New Roman formatında, büyük harfle ve 12 Punto KALIN olmalı, başlık ortalanmalı**

**ÖZET**

**10 punto** Times New Roman yazı tipinde yazılmalıdır. 250 kelimeyi geçmemelidir. 2000-2010 yılları arasında meydana gelen Marmara Bölgesini etkileyen güneyli fırtınalar araştırılarak, yıllara ve aylara göre dağılımları ve frekansları araştırılmıştır. Güneyli fırtınalara neden olan sinoptik ölçekteki durumlar değerlendirilmiştir. Fırtınaların %98.85 alçak basınç merkezi veya merkezlerine bağlı cephe veya cephe sistemlerinin yaklaşması, geçmesi veya sektör yaklaşmalarının sonucu meydana gelen cephesel sistemlerle doğrudan ilgili olduğu tespit edilmiştir.

***Anahtar kelimeler: 9 punto*** *Times New Roman italik olarak yazılmalıdır. (Maksimum 4 adet yazılmalıdır)*

# 1. INTRODUCTION

This is an extended abstract prepared for the 1st Aviation Meteorology 360° Symposium & Workshop. The language of the Symposium & Workshop will be both Turkish and English. For extended abstracts, the text should be written in **12-point Times New Roman** font, justified alignment, and single line spacing. However, when writing complex mathematical content, additional spacing between lines may be added to prevent overlapping of superscripts and subscripts.

Paragraphs should be separated by a blank line. One line space should be left before the title. All titles should be written in 12-point Times New Roman bold font. First-level headings should be written in “uppercase letters”, second-level headings in “sentence case”, and if there are third-level or lower-level headings, they should be written in normal case (note that third-level or lower headings should not appear in the introduction, so no further numbering should be used).

**Extended abstracts** must not exceed **5 pages**. **Full papers** must not exceed **12 pages.**

**TEXT FORMAT**  
The main text should be written on A4 paper with margins of 3.5 cm at the top and bottom, and 3.0 cm on the left and right. Line spacing should be single, and the text should be justified.

**1.1 Page Numbering**  
Page numbers should not be included.

**2. FIGURES, EQUATIONS, AND TABLES**  
The following paragraph provides a brief explanation of the formatting for figures, equations, and tables.

**2.1 Figures**  
All drawings, whether diagrams or photographs, are referred to as Figures and should be numbered sequentially. All figures must be placed appropriately within the text. Captions should be placed **below** the figures and written in 10-point Times New Roman font. Additionally, figures must have a minimum resolution of 200 dpi and should not exceed a width of 14.7 cm.

|  |
| --- |
|  |

**Figure 1.** Numbering should continue consecutively throughout the entire document. Captions should be written in **10-point Times New Roman** and placed **below the figures.**

**2.2 Tables**  
Tables should be presented in the format shown in Table 1. Their layout should remain consistent throughout the document. Captions should be written in **10-point Times New Roman** and placed above the tables. The table content should be in **10-point Times New Roman**, (or **8-point Times New Roman** if needed to fit the data).

**Table 1. Example of a table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Station** | **X**  **(m)** | **Y**  **(m)** | **Time**  **(UTC)** | **Wind Speed**  **(ms-1)** | **Wind Direction**  **(degrees)** | **SO2 concentration**  **(µgm-3)** |
| 1 | 10.45 | 10.5 | 15:00 | 3.6 | 260 | 0.035 |
| 6 | 10.55 | 10.5 | 15:00 | 2.5 | 220 | 0.021 |

Horizontal lines should be placed above and below table captions, above subheadings, and above any notes at the bottom of the table. If a table is too long to fit on a single page, the table number and headings should be repeated on the next page before continuing the table.

**2.3 Equations**  
Equations should be labeled as equation (1), created using the equation editor of the word processor (they should not be inserted as images), and all equations should be centered with the equation number right-aligned, as shown in the following example:

(1)

**2.4 UNITS OF MEASUREMENT**  
Please follow the International System of Units (SI) measurement system.

**3. ANALYSIS**  
Present the results of your analysis. In-text unit notations should use negative exponents instead of slashes (e.g., *m/s* should be written as *ms⁻¹*).

**4. RESULTS AND RECOMMENDATIONS**  
Present your results and recommendations.

**ACKNOWLEDGEMENTS**  
The authors would like to thank the Turkish State Meteorological Service (MGM) for providing the data.

**REFERENCES**  
Citations should be given in the text as Etling and Brown (1993) or (Etling and Brown, 1993). The reference list should be presented in alphabetical order and formatted according to APA 7 style.

Etling, D. & Brown, R.A. (1993). Roll vortices in the planetary boundary layer: A review. *Boundary-Layer Meteorol.*, **65**, 215-248.

Holton, J. R., & Hakim, G. J. (2013). An Introduction to Dynamic Meteorology (fifth edition) (pp. 154-157). Waltham: Elsevier Academic Press.

Knox, J. A., Frye, J. D., Durkee, J. D., & Fuhrmann, C. M. (2011). Non-convective high winds associated with extratropical cyclones. Geography Compass, 5(2), 63–89. <https://doi.org/10.1111/j.1749-8198.2010.00395.x>

Mecikalski, R. M., & Carey, L. D. (2017). Lightning characteristics relative to radar, altitude and temperature for a multicell, MCS and supercell over northern Alabama. Atmospheric Research, 191, 128–140. <https://doi.org/10.1016/j.atmosres.2017.03.001>

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