

登山客使用氣象資訊之現況分析

The Analyze of Weather Information Usage Among Mountaineers

林文龍 (Lin W.-L.)

中央氣象署玉山氣象站

Yushan Weather Station, Central Weather Administration

摘 要

本研究採用調查研究法 (survey research method)，透過登山客填答問卷的方式，蒐集並探討登山客使用氣象資訊之現況。受試樣本為於 2022 年期間攀登玉山之登山客，且有安排登頂玉山北峰者，隨機請登山客填寫問卷，有效樣本問卷共 423 份。以 SPSS for windows 統計軟體予以處理描述性統計，再以 Φ 相關(phi coefficient) 和 Cramer's V 探討不同背景變項的登山客，在氣象資訊使用上是否有顯著的相關。

結果顯示高比例的登山客認為天氣因素是會影響要不要啟程登山的重要因子；登山前蒐集預判的氣象資訊是準確的；自己會注意天氣預報；已經在登山途中，天氣不好不會堅持登頂；登山路途中仍會隨時更新留意天氣預報資訊。而「性別」、「年齡」、「經常登山型態」、「登山活動的人員組成」變項僅與某些特定問題有相關；「登山年資」與「經常登山日數」則與使用氣象資訊的各題皆無相關。受試登山客建議事項經由逐字稿統計歸納為七類，分別為讚美、提升準確度、資料隨時更新、提供即時影像、APP 優化、提供多樣化預報與其他。本研究結果提供給氣象署作為生活有氣象相關訊息發布時的參考。

關鍵字：登山客、氣象資訊

Abstract

The study adopted survey research method. By filling in questionnaires, the researcher collected and investigated the phenomenon of how the mountaineers used weather information. The subjects were the mountaineers who planned to climb Northern Jade Mountain during 2022. Questionnaires were filled in randomly and 423 were effective. SPSS for windows was used for describing statistic and then phi coefficient and Cramer's V were used to investigate the background variation of mountaineers.

The result indicated that most mountaineers regarded the weather information as the vital reason to climb or not. Before climbing, the weather information they received was correct. Most of them would pay attention to the weather forecast and they would not insist on climbing if the weather was bad. Besides, mountaineers would care about the weather information as well while climbing. However, the variations of gender, age, types of frequent climbing, mountain-climbing teammates were only related to some certain questions. The seniority of mountaineers and numbers of mountains which they had climbed had no relationship with each question of the weather information usage. The suggestions which the subjects gave were induced into seven types, such as compliments, accuracy promotion, information update at any time, immediate image providing, APP optimization, various forecast providing and others. The result of this study provided the reference for the Central Weather Administration to refer to while weather related information was reported in daily lives.

Keyword: Mountaineers、Weather Information