

憶前藍山氣象臺臺長白魯克先生

鄭子政



Professor Charles Franklin Brooks, former director of Blue Hill Observatory, Harvard University (1891-1958)

Dr. Charles Franklin Brooks was born St. Paul, Minn. May 2, 1891. He was student of University of Illinois. Later he received his doctor degree at Harvard in 1914 and became Instructor in Geography in Yale University 1915-18, meteorologist of U. S. Weather Bureau, associate editor Monthly Weather Review 1918-21, Professor at Clark University 1926-32, Prof. in Meteorology and Director of Blue Hill Observatory, Harvard University since 1931.

He helped Mr. J. B. Dodge to organize the Mt. Washington Obs., New Hampshire 1932 and was its meteorological director until 1946. He retired from Blue Hill Obs. Aug. 1957, and died suddenly of a heart attack on January 8, 1958, in Milton, Mass. 66 years old.

Dr. Brooks was noted for his integrity, courage and helpfulness to others. He founded the A. M. S. in 1919, after a meeting in St. Louis, and served as secretary, editor, treasurer for 35 years, until 1954. So no wonder he was introduced once as 'Mr. Amer. Meteo. Soc.' He helped to start the popular meteo. magazine "Weatherwise" in 1948. As a member of the International Commission on Clouds and Hydrometeors, he helped to prepare the new International Cloud Atlases and wrote a chapter on "The use of clouds in forecasting" for the compendium of meteorology. He fostered the development during 1935-42 for the first Amer. radiosonde at Blue Hill Observatory.

His research work has covered a wide range of the climatology of North Amer., long-range weather forecasting and the effect of the ocean temperature on weather. He interested in improving meteorological instrumentation and designed an improved shield for rain gauges to reduce errors due to wind, particularly for snow. He made a detailed study of ice storms, and snowfall in United States. He is author of: "Why the Weather" (1924) "Climatic Maps of North America" (1936) "Climatology of the West Indies" (1934) "Eclipse Meteorology" (1941) and "Science from Shipboard" (1943).

Dr. Brooks was a promoter of Meteorological researches in late half century and a man of character in international meteorology. Both of his work and contributions will forever be remained in the science of meteorology. — T. C. Cheng.

藍山位於劍橋之南十一英里，而在廣東 (Canton) 與密爾頓 (Milton) 兩鎮間，為邁因 (Maine) 與墨西哥間沿海岸二十哩中最高點。海拔 635 英尺。其上有古堡式花崗岩建築之氣象台在焉。台屬於哈佛大學。台上風標插入雲霄。該台為美國最早研究氣象學術之重心，台成立於 1885 年 (民前 27 年)。藍山為市公園區，但氣象台為羅處 (Abbott Lawrence Rotch) 先生遺業，至 1912 年始歸贈予哈佛大學，而將該地與氣象台租予大學 99 年。

白魯克 (Charles Franklin Brooks) 先生自 1931 年任藍山氣象台台長至 1957 年，即其去世前一年，前後任台長 26 年。先生之故居即在藍山之山麓。先生始從學於哈佛大學華德教授 (Robert De Courcy Ward)，1914 年獲博士學位。於 1912 至 13 年間先生已在哈佛與藍山任助教。1915 年至 18 年任雅魯大學地理學講師。1918 至 21 年先生任編輯主編美國氣象局出版之「天氣評論月刊」。1921 至 31 年先生執教於葛拉克 (Clark Univ.) 大學。對於氣候學與氣象學教學上之創導與啓發，譽盛一時。1931 年先生受聘於哈佛大學任氣象系教授及藍山氣象台台長，以至其晚年。先生以教育為執志，循循善誘，誨人不倦，生活簡約，持己嚴謹，待人和善。相與交游或從學於先生者，莫不感其親誠，悅其教化，而景慕不已！

先生學問廣博，志趣深遠。曾著「北美氣候」；「北美氣候圖集」；「西印度群島氣象學」；「日蝕氣象學」；「天氣釋因」等書。至於其短篇論著散見於各種刊物中者凡百餘篇。對於氣候學、天氣預告學、氣象器械學、觀測方法、冰雪、雲霧結構、風暴災害、日射變化等專題無不研究。其知識淵博，無不通曉，使從學之士，咸有就飲於江河之感。

1919 年先生創立美國氣象學會，並擔任氣象學會會刊及執行秘書自創設之年至 1955 年止，先生實為美國氣象學會之柱石。其功績彌足表彰。1932 年先生任美國地理學人協會會長。先生為美國科學協進會、航空科學會、英國皇家氣象學會、美國地理學會、美國大地物理及大地測量協會等學會會員及國際氣象觀測方法及儀器委員會委員。先生對於學術事業之熱忱及其贊助之精神，尤足令人欽佩。

先生畢生從事於氣象學術，未嘗中止一日。其有生最多時間致力於藍山氣象台。藍山之名，聲譽充於寰宇之間。藍山刊物頗多，其在藍山刊物交換名冊者有六百處，其中在國外者有二百五十處。其藏書有二萬卷，單行本一萬冊，天氣圖七萬張。因之藍山氣象文獻收羅之豐富，不僅為氣象學術研究之寶庫，亦實為白魯克先生心血之結晶。

白魯克先生於 1891 年 5 月 2 日生於美國密尼蘇達省聖保羅城，為穆吹白魯克 (Morgan and Frena Marie Brooks) 先生之子，1914 年 6 月 4 日娶施戴勃倫女士 (Eleanor Merritt Stabler)，有子女七人。(Edward Morgan, Margaret, Sylvia, Barbara, Edith Herrick, Norman Herrick, Frena) 其長子克紹箕裘，能繼父業，掌教氣象學系於聖魯易大學。先生於 1957 年 8 月自哈佛大學退休，以心臟病症遽於 1958 年 1 月 8 日在美國麻省密爾頓鎮逝世，享年六十有七。一代氣象學人，遽爾凋零，追憶往昔受訓於哈佛，瞻仰於藍山，猶如在目。雖在遠道，景念悼思，永無止已！