

Scientists Launch Study Of Hydrogen Bomb Results

By ELTON C. FAY
U.S.S. MT. MCKINLEY, Off Bikini (AP)—Nuclear scientists today began a detailed analysis of what the first American air-dropped H-bomb did when it exploded two miles above a test target island in the mid-Pacific Monday.

The scientists sought most of their answers in the data gathered by a vast array of recording instruments set up on Nahu, the target island, on other islands of Bikini Atoll and taken through the huge atomic cloud by airplanes.

The nuclear weapon's test task force, headed by Rear Admiral B. H. Hanlon, concealed behind brief, laconic language all technical details that might be of use to an enemy.

A short communique reached this observer ship as it neared Kwajalein homeward bound. It said only:

1. "There was little construction on Nahu and thus little damage can be reported. Varied effects on structures on nearby islands showed varying degrees of damage depending on proximity to the target island."

2. Fall-out of radioactivity from the towering bomb cloud (which unofficially was estimated to have reached a height of about 25 miles) drifted clear of all people ashore or afloat. There was no increase in radiation in the Marshall Islands generally and the fallout on Bikini Atoll "was relatively little."

SEARCH CONTINUES

The search for Capt. Paul Crumley, who disappeared in an aircraft accident and thus became the first casualty of Operation Redwing, continued. Crumley was an observer aboard a B-57 light bomber which encountered trouble while flying to the test island area.

Even though long analysis of photographic blast heat and other recordings would be needed to tell American weapons the exact effect of the bomb, it was possible to make some unofficial estimates of what would have happened if a city just 1 of a deserted atoll had been beneath the bomb when it detonated at an altitude of about 10,000 feet.

The bomb was believed to have released energy equivalent to about 10,000,000 tons of TNT. The fireball of the bomb was approximately three miles in diameter. Over a typical big city the explosion probably would have done this:

SMASHING BLOW

Virtually every building, even those of reinforced concrete construction with 10-inch thick walls and six-inch floors, outward for more than two miles from ground zero, would have been crushed by the smashing blow of the explosion.

Buildings with ordinary brick walls 18 inches thick would have been destroyed to a distance of almost 6 1/2 miles. Even at a distance of more than nine miles there would have been serious damage to steel frame buildings.

Homes like those found in any suburb would have been heavily damaged as far as 12 miles away. Moderate damage would have occurred at 15 miles. Windows would have been blown out and plaster shaken loose at a distance of 18 miles.

This would have been the effect of the blast. Aside from this, the flashing many - thousand degree heat from the explosion would have set off a "fire storm" like that which burned Tokyo and London in the Second World War.

The instant eous radiation of the bomb's burst would have produced no visible damage to structures. But any persons close to ground zero or outward for several miles would have been radiated to the point of early death or long lingering illness.

Distinguished Islander Banqueted At Washington



CYRUS S. CHING

Friends of Cyrus S. Ching, Canadian-born chairman of President Eisenhower's atomic labor-management panel, helped him celebrate his 80th birthday Monday night at a hotel banquet in Washington.

Among speakers lauding the Prince Edward Island native's role as a government mediator and labor relations adviser were Labor Secretary James Mitchell, union leaders John L. Lewis and William Schnitzler, and vice-president E.A. Stephens of United States Steel Corp.

Ching helped handle some of the toughest American labor disputes as director of the federal mediation and conciliation service under the Truman administration.

Mr. Ching who has become almost a tradition in his success as mediator in industrial disputes, was born eighty years ago a few miles from Souris, P.E.I. going to the United States in 1900. From the position of motorman with the Boston Elevated Railroad in 1901 he has risen to a position which is considered to be, next to the Presidential office, one of the biggest in the United States.

Other prominent positions he has held at various times were; superintendent of equipment and assistant to the president of the B.E.R.; supervisor of industrial relations with the United States Rubber Company; member of the National Regional Labor Board; member, Advisory Council on Industrial Relations; member of the National Defence Mediation Board. He was also on the Business Advisory Council, Department of Commerce and was chairman of the immigration committee of the National Association of Manufacturers. In 1947 he was appointed director of the Federal Mediation and Conciliation Service.

Synod Young People's Council

Presbyterian Young People from all parts of the Maritimes met for Synod Young People's Council, which opened in First Presbyterian Church Hall, New Glasgow, N.S., on Friday evening.

Presiding at the opening session was Basil Lowery, St. Andrews, N.B., president of the Maritime Presbyterian Young People's Society; supported by the Society secretary, Ruth MacKenzie, Dal-

house, N.B., and the treasurer, David Lyon, Campbellton, N.B.

Also in attendance were Jean MacDonald, Sydney, past-president; Bessie Anderson and Elizabeth Graham, Truro; Mr. and Mrs. Jim MacKinnon, Sydney; Marion MacGillivray, New Glasgow; Bessie Smith, Westville; and Wendall Swallow, New Glasgow, who was in charge of registration.

The special guest was the Reverend Robert P. Carter, Assistant Secretary, Assembly's Board of Christian Education. Synod's Committee on Christian Education was represented by Miss Margaret MacDougall, Regional Secretary; Mrs. Ralph MacDonald, Thorburn; the Reverend William Reid, the Reverend H.M. Creaser and Fred Morrison, New Glasgow.

Arriving on Saturday was Ishbel Farquharson, Charlottetown, vice-president for P.E.I.; Georgina Caldwell, Sydney Mines vice-president for Cape Breton; and Ralph Shaw, Bulletin Editor; Cecil Greaves, Transportation Convenor; Margaret MacQueen and Walter Maxwell, all of Sydney.

Among the important matters dealt with by the Council were plans for the Thanksgiving Conference to be held in Zion Presbyterian church, Charlottetown, P.E.I., October 5 to 8.

Council sessions continued through the weekend and culminated in a Young People's Rally in First Presbyterian Church Hall following the evening service, when the speaker was the Reverend Russell Self, missionary on furlough from Jhansi, India, who is visiting Pictou Presbytery.

Says Wing Break Caused Jet Crash

OTTAWA (CP)—FO Hugh Anderson of Ottawa, RCAF navigator who saw his pilot die Saturday in an accident at Sault Ste. Marie, Mich., said Tuesday the fatal crash was caused by a wing of the plane falling off.

He added that cause of the wing shearing off has not yet been determined. There were 15 or 20 possibilities.

Anderson said reports that the plane exploded in mid-air are incorrect. A wing falling off might make it appear that there had been an explosion.

Anderson was the regular navigator of Ft. Lt. S. A. Marshall, killed when his RCAF CF-106 jet crashed during a U.S. armed forces day air show. Anderson gave up his regular place in the plane to an American officer who was also killed in the accident.

NOTICE

P. E. I. Plumbers Association will hold their monthly meeting Thursday night, May 24 at 8 o'clock sharp, at the Vocational School.

IN MEMORIAM

MRS. HEATH MACVITTIE
The death of Margaret Sturdy, beloved wife of Heath MacVittie, Westmoreland, occurred at the home of her niece, Mrs. Heath Howatt, Tryon, on Sunday, April 8th, 1956.

Mrs. MacVittie was the daughter of the late John and Margaret Sturdy, and was born in Craupaud, on Sept. 8th, 1877.

On June 3rd, 1903, she was united in marriage with Heath MacVittie, Westmoreland, where she resided all her life. To this union was born one daughter, Amy, wife of LeRoy Howatt, Craupaud; she also cared for her niece, Elsie Sturdy whom she regarded as her own child, and who lived with her until she grew to young womanhood.

Mrs. MacVittie was a woman of sterling qualities and jovial disposition, a kind neighbour ever ready to lend a helping hand to those who needed it. She will be greatly missed especially in her home, where she was indeed a true helpmate.

Her home was the centre of hospitality enlivened by her cheerful manner and ready wit, and was a place where friends and relatives liked to visit. No stranger was ever turned away from her door and she was invited in, and treated with utmost kindness.

She was blessed with excellent health in her younger days, but had failed during the past year. Late in November she suffered a slight stroke from which she never completely recovered. During this time she was tenderly cared for by her daughter, who for a time nursed her in her own home.

She recovered sufficiently to return to her home to spend a time with her foster daughter, Mrs. Howatt in Tryon. She was apparently on the road to recovery, but on Sunday evening God called her to the land which none ever returns.

Her remains were brought to her daughters in Craupaud where a private service was held on Wednesday, April 11th, after which the remains were conveyed to St. John's Church, Craupaud, where a funeral which was largely attended took place, both services were conducted by the rector, Rev. G. E. F. Ebsary.

Hymns sung were: "The Lord's My Shepherd," "The Strife is O'er the Battle Done," "Thy Will be Done."

Interment: Messrs. Sheldon Howatt, Harleigh Howatt, Roy Gallant, Lyman Harvey, Frederick Matters and Roy Crossman. Her remains were tenderly laid to rest in the adjoining cemetery.

Left to mourn the loss of a devoted wife and mother is her husband, one daughter, Amy, and five grandchildren (Margaret) Mrs. Roy Gallant, Westmoreland; (Miriam) Mrs. Lyman Harvey, Craupaud, Douglas, Joan and Alison, one sister (Lena) Mrs. Fred Matters, Kelly's Cross, also a brother, Thomas, Craupaud, besides numerous nieces and nephews to all whom deep sympathy is extended.

Within the last year two brothers predeceased her, Albert and Bertram.

The floral tributes consisted of: Pillow The family.

Weath Elsie, Heath and family. Weath Elsie and Russel and family.

Spray John L. Sturdy and family. Spray Roma, John and Imogene. Spray Alberta and Mary. Spray Weston.

SYMPATHY CARDS

Mable and Roy Crossman, Westmoreland.

Marion and Elwood Patten, Ellsworth, Me.

Billie and Ethel McLure, Charlottetown.

Elsie and Garfield Gamble, Toronto.

The Waddell family, Kelly's Cross, St. Victoria.

Lida and Wilfred Ferguson, Hampton.

John and Florence Francis, Lady Fane.

Verner and Susie Moore, Westmoreland.

Ella and Allison MacLeod, Craupaud.

Margaret and Robert Dawson, Craupaud.

Helen Miller, Montreal, Que.

Wilmet and Florence MacDonald, Craupaud.

Mary and Harold Metcalfe, Dartmouth, N.S.

Ruth and Norman MacDonald, Craupaud.

Cleely and Leith Sturdy, Tryon.

Vivian Bartlett, Charlottetown.

Fred Stewart and family, Inker-man.

Mr. and Mrs. Calvin Campbell, Charlottetown.

Mr. and Russell MacDonald, Summerside.

Mary Trainor, Ellsworth, Me.

Winnie MacMillan, Cornwall.

Aunt Gertrude, Cornwall.

Carrie and Austin Toombs, Tryon.

Lillian and Cheryl Ann Knox, Charlottetown.

Lucille and Bernard Batchelder, Georgetown.

Wendell and Myrtle Mayhew, Cornwall.

Lila and Malcolm MacKenzie, Charlottetown.

Max MacVittie and family, Lynn, Mass.

Stuart and Agnes Dickson, Charlottetown.

Fred and Emily Sherren, Craupaud.

Gordon Williams, Westmoreland.

Marjorie and Horace Cameron, Charlottetown.

Mr. and Mrs. Emmett Noonan, Albany.

Westmoreland W.I., Ella and Karl, Boulder, Victoria.

Lillian Keltou and family, Ellsworth, Me.

Juanita Wilson, Toronto, Ont.

Doris and Whit Howatt, Truro, N.S.

Annie and Albert Diamond, Charlottetown.

Donald E. Hart, St. John's Nfld.

Florence and Frank Myers, Craupaud.

Nettie Callbeck, Tryon.

Neavie Watts and family, Charlottetown.

The Morrison family, Hampton.

Mrs. Newton and Irene Matheson, Bradalbane.

Olive Holm, Charlottetown.

Mildred and Harold MacDonald, Craupaud.

Anna, Marion Myran Seaton, Craupaud.

Verna MacLeod, Charlottetown.

Roy and Jean Dawson, Tryon.

Arlene and Peter Surkan, Cham, N. B.

Jessie Marshall, Covehead.

Jessie Profit, Craupaud.

Earle and Nina Maynard, Summerside.

Mr. and Mrs. Pearl MacLeod, Craupaud.

Jim and Andreen Boulter, Victoria.

Muriel and Ralph Miller, Victoria.

Ruby Howatt, Tryon.

Mr. and Mrs. Roland Buchanan, Churchill.

Tilly and Keith Boulter, Victoria.

W. A. Canadian Legion, Victoria.

Enoch and Margaret Newson, Westmoreland.

Albro and Jessie Howatt, Tryon.

Sadie Inman, Charlottetown.

Warren and Mae Burns, Charlottetown.

Peter and Mildred MacEachern, Charlottetown.

Alma and Albert Trousdale, Victoria.

Mrs. Elsie M. Dawson, Charlottetown.

Vera and Ray Wilson, Craupaud.

Odys and Norman Lowther, Craupaud.

Louis and Grace Francis, Lady Fane.

Gravel and Jack Martin, Cambridge, Mass.

Viola and Everett Simmons, Summerside.

Heber, Aletha Canfield and family, Westmoreland.

John and Ruth Simmons, Craupaud.

Jack and Gladys Nicholson, Craupaud.

Clayton and Mabel Crosby, Craupaud.

Louise and Ruby Quinn, Charlottetown.

Jean and Scott MacQuarrie, Charlottetown.

Mrs. Wilfred MacQuarrie, Charlottetown.

Margaret Johnson, Tryon.

Bertha and Joe Trousdale, Craupaud.

Wired and Jessie Rogerson, Salem, Mass.

Tillie and Arthur MacKay, Albany.

Albert and Vera MacDonald, Craupaud.

Leah and Ralph Dondero, Salem, Mass.

Sarah and George Villet, Desable.

Jessie Johnston, Charlottetown.

Lloyd, Vera and Gene Rogerson, Craupaud.

Gertrude and Sheldon Ferguson, Craupaud.

Ella and Ed Sherren, Craupaud.

Sheldon and Florence Dixon, Tryon.

Fred and Carrie Wilson, Westmoreland.

George and Amy Dunsford, Hampton.

Toni and Lizzie Best, Craupaud.

Vernon and Elsie MacLeod, Albany.

Myrtle and Walter Trowsdale, Craupaud.

Morev, George and Leona Sturdy, Westmoreland.

Grace Currie, Borden.

Lawrence and Hilda Molyneux, North River.

Mr. and Mrs. Louis Campbell, New Westlshire.

Annie and Aage Sorenson, Tryon.

Avatiah and Grace MacCallum, Charlottetown.

Mrs. Ada Wotton, Craupaud.

Lila and George Carfield, Tryon.

Billie and Sadie Heckbert, Summerside.

Bianche and Ray Howatt, Summerside.

The MacLess family, Victoria.

'MISS ENGLANDS'

Judges at the Miss England contest in London found it impossible to select a final winner between Iris Waller (left) and Ilena Nelson, so named them both to the title. One of the winners will represent England in the Miss Europe contest, to be held in Stockholm, and the other will compete in the Miss Universe pageant in the United States.

Deposits Round The Clock At Ch'town Bank

A dual type depositary unit will soon be installed at the Charlotte town Bank of Montreal office, B.E. Rogers, manager of the branch, announced this week.

The unit, which is designed for the convenience of customers who wish to make personal or business deposits after regular banking hours, is part of the B of M's plan to provide many of its important branches from coast to coast with the new system.

Operation of the depositary is simple for both businessmen and current or savings account customers. Merchants or other late-hour

Mr. and Mrs. Albert Best and family, Hampton.

Grace, Ernest and Roy Sturdy, Craupaud.

Carrie, Ab and Lolita MacVittie, Craupaud.

Rev. Waldron MacQuarrie, Hope-well, N.S.

Edith and Sam Cannon, Victoria.

Mrs. Mildred Clark, Tryon.

Miss Dorothy Taylor, Tryon.

Business Increasing Grants To Education

NEW YORK (AP)—Business is increasing its grants to higher education in a drive to end a growing shortage of brains.

Corporations contributed \$39,000,000 to 728 colleges and universities in their 1954-55 fiscal year, the Council for Financial Aid to Education reports. This was 12 per cent of the grand total of gifts received by these schools.

But the council adds that if U.S. businessmen had donated just one per cent of total corporate net taxable income in that year the sum would have come to \$340,000,000. And the schools could have used it.

A number of corporations recently have announced sizable new

grants or increased impressively the amounts donated for scholarships or faculty salaries.

They are looking to the colleges and universities for much of the business leadership of the future. And industrialists know there is already a shortage of young chemists, physicists and engineers.

Niel McElroy, president of Procter and Gamble, predicts that "in the next 15 years we may have to build in this country facilities for higher education equal to the total of all these built since the landing of the pilgrims."

His company gives scholarships and grants to those privately endowed schools from which it has drawn the largest number of graduates as employees, on the theory that these institutions ought to produce more of the same in the future.

Companies have different ways of getting up gifts to education. Some provide scholarships for families of their employees or dealers. Some give unrestricted funds to schools in the areas in which they have plants. Several encourage alumni contributions by agreeing to match the funds any of their employees contribute to their own alma maters.

JAPANESE REACH PEAK

KATMANDU, Nepa. (Reuters)—A second team of Japanese climbers scaled 26,656-foot Mount Manaslu two days after another team climbed it for the first time earlier this month, the Japanese expedition reported in a message which reached here by runner Monday. Both teams were from the expedition led by Yutso Maki, which conquered the Himalayan mountain May 9. It was the third highest unclimbed peak in the world.

CARD OF THANKS

The family of the late Mrs. Heath MacVittie wish to extend thanks to their neighbors and friends for their many acts of kindness; also Dr. Peter MacLeod, Loretta MacVittie, and for the numerous letters and cards of sympathy sent during their receding bereavement.

SPECIAL 'GET ACQUAINTED' OFFER

Inviting You to try this amazing new coffee at a worthwhile saving

Your family really should experience the supremely delicious flavor that has made Maxwell House Canada's largest-selling instant coffee. That is why we offer, for a limited time only, this real coffee bargain — now awaiting you at your grocer's.

15¢ OFF on the large jar

5¢ OFF on the 2 oz. jar

Not a powder! Not a grind! But millions of tiny "FLAVOR BUDS" of real coffee, ready to burst instantly into that famous "Good to the Last Drop" flavor.

Robin Hood White Cake mix Chocolate Cake mix

1/2 PRICE

49¢

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We're waiting for Mom to Return from PIERCE'S with the weekend GROCERY SUPPLIES.

FREE DELIVERY DIAL 5524

CHOICE YOUNG SHOULDER ROAST BEEF lb. 39c

SWEET & JUICY FLORIDA ORANGES 2 doz. 79c

SILVER SEAL MOLASSES 2 quarts 63c

100 Foot Roll Heavy **WAX PAPER, roll** 29c

Silver Seal Pure 2 Oz. **BLACK PEPPER, pkg.** ... 17c

York Ice Box Jar **PEANUT BUTTER, jar** ... 45c

Heinz 11 Oz. **TOMATO KETCHUP, 2 for** 49c

Evaporated **APRICOTS, 12 oz. pkg.** .. 47c

Graves Fancy 15 oz. **400 PEAS, 2 tins** 39c

York Choice Large 20 Oz. Tin **PEARS, 2 tins** 39c

FREE FREE FREE

A FREE Chocolate Dip or Popsicle will be given to each kiddie accompanied by a parent this week-end to celebrate our New Frozen Food Department.

"FROZEN FOOD SPECIALS"

ZERO-PAK PEAS pkg. 27c

ZERO-PAK FRENCH FRIES pkg. 21c

KOLD PAK STRAWBERRIES pkg. 43c

NEW JELLO INSTANT PUDDINGS 3 for 29c

TENDER YOUNG BEEF LIVER lb. 29c

FRESH PLATE SPARE RIBS lb. 43c

SWEET PICKLED SPARE RIBS 2 lbs. 29c

BREAKFAST SLICED BACON lb. 45c

SWEET PICKLED PORK lb. 39c

LARGE FLORIDA WHITE Grapefruit 6 for 49c

RED RIPE Tomatoes pkg. 22c

LARGE DELICIOUS APPLES 5 lbs. 55c

NEW TEXAS CARROTS 3 lbs. 29c

YOUR FAVOURITE CAKE MIX

1/2 PRICE!

FRESH Strawberry ICE CREAM

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