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SOCRATES

MR. BRANNER) I LIKE MR.

BRANNER-DEAR)

WHAT WAS IT-

, THE DREAM?

DREAM ABOUT & THE DREAM ABOUT

WASTE HOT WATER:

YANTS TO-

I JUST HAD A

I HAD

S K

Œ N ANOTHER DREAM

HEH.

SQUIRM AN' SWEAT, MART GUY! THAT'S JUST

IKKI, TO MY ASSOCIATES AND IN MY TIME, I AM KNOWN AS BRICK BRADFORD!

ICKED ONE A TH' BEST

GO ON, DRAKE! TRY TO YELL! NOBODY CAN HEAR YOU GROAN! NOBODY!

FIF HE'S THAT

YET YOU SAY I AM THE

LEGENDARY HERO OF SAMAR, KNOWN AS BREKK, THE

BOLD!

SUCH A NICE

I'M GETTING

TO SEE YOU (A SERIOUS TALK

I CAN'T

REMEMBER

WHAT WAS

THE DREAM

3

DOGGY_1 BELIEVE

HIM BEHAVE

SANDY !... WHERE IS SHE?

I TOLD HER TO ROUND UP THE SHERIFF! MAYBE HE'S

STILL AFRAID TO MEET "FINGERS"

NOPE! SAM GALLUS AIN

BEEN HERE MISS! BUT HE GOES A LOT TO TH' MAJESTA BOWLIN' ALLEY! - YUH MIGHT

BOWLIN' ALLEY! - YUH MIGH

PETERS

Tonight's Aces

Music 6 p. m.—Fred Waring (WIBA): tune for Camp Maxey, Tex.

7:15 p. m. — Gracie Fields (WGN): "He Wooed Her, and Wooed Her and Wooed Her," "Lovely Weekend," "Pack Up Your Troubles."

8:30 p. m. - Treasure Hour of Song (WGN): Soprano Maria Kurenko, guest_soloist, "Andalu-"None But the Lonely Heart," "Hills of Home," Prologue to "Pagliacci," "I'll See You Again." . . . Spotligh (WENR): Hal McIntyre.

9:30 p. m. — Here's to Romance (WBBM): Dick Haymes, with Helen Forrest, guest singer; "Poinciana," "In the Hush of the Night," "Red Sails in the Sunset,"
"Anitra's Dance," "All the Things You Are."... "Swing's the Thing (WGN): "Swanee River," "Sunny Side of the Street," "I'll be Home for Christmas," "Never a Day Goes By."

10:30 p. m. - Music of the New World (WIBA): "Brazilian Gold," featuring music of Brazil, including modern composers and traditional songs. 0 0 0

Variety

6:30 p. m.—Bob Burns (WIBA):

7 p. m.-Baby Snooks (WIBA): meets her match in a high-pressure salesman. 8 p. m. — Music Hall (WIBA):

Bing Crosby, with Phil Silvers. 8:30 p. m. - Joan Davis and Jack Haley (WIBA): guests, Herbert Marshall and Eddie Cantor Dinah Shore Program (WBBM): "Thou Swell," "My Heart Stood Still," "Love Me or Leave Me;" Cornelia Otis Skinner

9 p. m. - Abbott and Costello (WIBA): and Lynn Bari. 0 0 6

Miscellaneous

9 p. m. — Raymond Clapper (WGN): analyzing Japan's

9:30 p. m. - March of Time (WMAQ): guests, Patrice Munsel, 5:15 p. m. — Lyn Murray Oryoungest singer ever to sign a chestra (WBBM): with Ruth Brascontract with Metropolitan Opera; sil, contralto, and Hube Hendrie, and Technical Sgt. Harold Azine baritone; "Of Thee I Sing," "The of Duluth, Minn., marine combat | Hills of Home,"

What's on the Air



JANE KEANE WBBM at 3 p. m. Friday

correspondent recently returned from action on Bougainville.

Discussion

7:30 p. m. — America's Town Meeting (WLS): "Should We Continue Developing Our Synthetic Rubber Industry After the War?" Charles Morrow Wilson. Carole Landis, Dick Haymes with director of Middle America Infor-Bob Burns in dramatization of mation Bureau; Sen. Chapman magazine story, "Four Girls in a Revercomb (W. Va.); and John Collyer, rubber manufacturer. 200

Drama

6:30 p. m.-Hollywood Theater (WTMJ): Pola Negri in "White Camellias,"

7 p. m. - Suspense (WBBM): "Wet Saturday," starring Charles Laughton. 7:30 p. m. - Aldrich Family

S JOAN DELLY CASS

9:45 NBC First Plano Quartet
10:00 NBC Road of Life
10:15 Melodic Interlude
10:15 News
10:45 NBC David Harum
11:00 Linda's First Love
11:15 Mary Foster
11:130 Farm Roundup
AFTERNOON
12:00 News Report
12:05 Farm Roundup
12:15 Farm Service
12:30 Noon News Edition
12:50 Interlude
1:00 NBC Guiding Light
1:15 NBC Today's Children
1:30 NBC Light of the World
1:45 Poland vs. Hitler
2:00 NBC A Woman of America
2:15 NBC Ma Perkins (WIBA): Henry loses receipts from Christmas seal sales and and Roland Young in a skit on chance to take his girl to a dance "Good King Wenceslaus."

chance to take his girl to a dance ...Death Valley Days (WBBM): killer escapes from a Utah mine after all exits are supposedly blocked in "Undergroud Escape" 0 0 0

Fridaytime

(WGN): analyzing Japan's 3 p. m. — Broadway Matinee chances of survival if Germany is defeated.

3 p. m. — Broadway Matinee (WBBM): Jane Keane, featured singer of show, "Early to Bed," appears as guest.

OTHER STATIONS FRIDAY

---MORNING---

--MORNING--
6:00 Farm News-WLS
6:00 Top o' the Morning-WTMJ
6:15 Everett Mitchell-WMAQ
6:15 Morning Devotions-WLS
6:00 Back to the Bible-WIND
7:00 Pats Gallicehio-WMAQ
7:01 Farm Service-WIBU
7:45 Mountain Theater-WLS
8:00 Musical Clock-WIBU
8:00 Your Neighbor-WMAQ
8:15 Know the Answer?-WBBM
8:10 Breakfast Club-WLS
9:00 Lora Lawton-WMAQ WTMJ
9:00 Valiant Lady-WBBM WCCO
9:00 Songs of a Dreamer-WLS
9:15 Open Door-WTMJ WMAQ
9:15 Kitty Foyle-WBBM WCCO
9:00 Songs of a Dreamer-WLS
9:15 Open Door-WTMJ WMAQ
9:15 Kitty Foyle-WBBM WCCO
9:00 Honeymoon Hill-WBBM WCCO
10:00 Road of Life-WMAQ WTMJ
9:45 Star Playhouse-WMAQ
10:00 Breakfast at Sard's-WLS
10:15 Second Husband-WBBM WCCO
10:15 Vic and Sade-WMAQ WTMJ
10:30 The Brave Tomorrow-WMAQ
10:30 Bright Horizon-WBBM WCCO
10:45 David Harum-WMAQ WTMJ
10:30 The Brave Tomorrow-WMAQ
11:00 Martha and Helen-WLS
11:00 Martha and Helen-WLS
11:00 Martha and Helen-WLS
11:00 Guiding Light-WTMJ
11:00 Guiding Light-WTMJ
11:00 Kate Smith Speaks-WBBM
11:01 The Editor's Daughter-WMAQ
11:01 David and Jane-WGN
11:15 Linda's First Love-WMAQ
11:15 Linda's First Love-WMAQ
11:15 Big Sister-WBBM WCCO

-AFTERNOON-

12:00 Elizabeth Hart—WMAQ 12:00 Dinnerbell Time—WLS 12:00 Heinie—WTMJ 12:00 Heinie-WTMJ
12:00 Life Can Be Beautiful-WBBM
12:15 Ma Perkins-WBBM WCCO
12:30 Loop Noonday Service-WJJD
12:30 Bernadine Flynn-WBBM
12:45 Ranch House Jim-WMAQ
12:45 The Goldbergs-WBBM WCCO
1:00 Farm Service-WIBU
1:00 Guiding Light-WMAQ

CAROLE LANDIS

20th Century-Fox Film Star who with

1:00 Life Can Be Boautiful—WTMJ
1:00 Young Dr. Malone-WBBM WCCO
1:15 Today's Children—WMAQ
1:15 School Time—WLS
1:15 Bond Wagon—WGN
1:15 Jayce Jordan—WCCO WBBM
1:30 Light of the World—WMAQ
1:30 Aunt Jenny—WTMJ
1:30 We Love and Learn—WBBM
1:35 Ferry Mason—WBBM
1:45 Perry Mason—WBBM
1:51 Perry Mason—WBBM
1:52 Perry Mason—WBBM
1:53 Perry Mason—WBBM
1:54 Perry Mason—WBBM
1:55 Mary Marlin—WBBM
1:56 Morton Downey—WLS
1:56 Mary Marlin—WMAQ WTMJ
1:57 School Broadway Marlines—WMAQ
1:50 Broadway Marlines—WBBM
1:5

3:00 Broadway Marines - WBBM
3:00 Blue Frolles-WENR
3:00 Backstage Wife-WMAQ WTMJ
3:15 Stella Dallas-WMAQ WTMJ
3:15 Stella Dallas-WMAQ WTMJ
3:30 Full Speed Ahead-WGNWIBU
3:30 Lorenzo Jones-WMAQ WTMJ
4:00 Mystery Chef-WENR
4:00 Mystery Chef-WENR
4:00 When a Girl Marries-WMAQ
4:15 Portia Faces Life-WMAQ
4:15 Portia Faces Life-WMAQ
4:15 Malcolmn Claire-WENR
4:30 Clinamore Bear-WENR
4:30 Just Plain Bill-WMAQ WTMJ
4:35 Dick Tracy-WENR
4:45 Parade of Bands-WIBU
4:30 Chick Carter-WIBU
---EVENING--5:00 Terry and The Pirates-WENR

TONIGHT!

The Arkansas Traveler welcomes two sparkling guests from Hollywood to his fun-filled program!

DICK HAYMES

is appearing in the forthcoming

The startling true story of Carole Landis' recent adventures in England and Africa on a tour of U.S. Army camps ... the

story that is now appearing in ...

THE SATURDAY EVENING

Written by Carola Landis herself...start-

ing in this week's issue...now at your

Tune in WIBA-6:30 CWT

WIBA TONIGHT

5:30 News Edition 5:45 Sports Parade 5:55 News Report 6:00 NBC Waring's Victory Tunes 6:15 Dinner Melody 6:30 NBC Bob Burns 7:00 NBC Baby Snooks 7:30 NBC The Aldrich Family 8:00 NBC Music Hall 8:30 NBC Joan Davis & Jack Haley

9:00 NBC Abbot & Costello
9:30 Labor Speaks
9:45 Melodic Interlude
10:00 Night News Edition
10:15 BLU Raymond Gram Swing
10:30 NBC Music of the New World
11:05 Masterworks 11:30 NBC Design for Listening 11:55 NBC News Report

FREQUENCIES

OTHER STATIONS TONIGHT

5:00 Terry and the Pirates—WENR
5:00 Billie the Brownie—WTMJ
5:00 Prayer, Quizmaster—WIBU
5:15 Jimmy Allen Adventures—WENR
5:15 University Special—WIBU
5:15 Chick Carter—WGN
5:30 Safety Legion Time—WGN
5:30 Safety Legion Time—WGN
5:30 Safety Legion Time—WGN
5:30 Falton Lewis, Jr.—WIBU
6:00 Fulton Lewis, Jr.—WIBU
6:00 Fulton Lewis, Jr.—WIBU
6:00 I Love a Mystery—WCCO
6:00 Dr. Preston Bradley—WGN
6:00 Fred Waring Orch.—WTMJ
6:15 Harry James—WBBM WCCO
6:15 Lum and Abner—WIBU.
6:30 Mr. Keen—WBBM KMOX
6:30 Hollywood Theater—WTMJ
6:30 Supper Interlude—WMAQ
6:45 Confidentially Yours—WIJU
6:45 Confidentially Yours—WIJU
6:45 Guest Star Theater—WGN
6:45 Robert St. John—WMAQ
7:00 Suspense—WBBM
7:00 Baby Snooks—WTMJ WMAQ
7:00 Confidentially Yours—WGN
7:15 Lum and Abner—WLS
7:15 Cracle Fields—WGN
7:30 Tribute to Adm. Downes—WLS
7:30 Tribute to Adm. Downes—WLS
7:30 Death Valley Days—WBBM
7:30 Aldrich Family—WTMJ WMAQ
8:00 Major Bowes' Amateurs—WBBM
8:00 America's Town Meeting—WENR
8:15 Gracle Fields—WIBU
8:20 Treasure Hour of Song—WGN
8:30 Treasure Hour of Song—WGN
8:30 Treasure Hour of Song—WGN
8:30 Spotlight Bands—WENR

MORNING

6:00 Morning Parade

6:25 News Report 6:30 Patsy and George 7:00 NBC World News

8:30 Joan Davis—WMAQ WTMJ
8:30 Dinah Shore—WBEM WCCO
9:00 Raymond Clapper—WGN
9:00 Treasury Star Parade—WiBU
9:00 Abbott and Costello—WMAQ
9:00 Raymond Gram Swing—WENR
9:00 The First Line—WBBM WCCO
9:15 Dale Carnegle—WGN
9:30 Wings to Victory—WCFL
9:30 Wings to Victory—WCFL
9:30 Here's to Romance—WBBM
9:30 Swings the Thing—WGN
10:00 Fulton Lewis, Jr.—WGN
10:00 Fulton Lewis, Jr.—WGN
10:00 Fred Warling—WMAQ
10:00 Fred Warling—WMAQ
10:15 War Correspondent—WTMJ
10:15 Brazil Presents—WIBU
10:30 Bob Burns—WMAQ
10:30 Toast to Allies—WENR
10:45 Rumpus Room—WTMJ
10:45 Rumpus Room—WTMJ
10:45 Salute to Victory—WBBM
11:05 The Clevelandaries—WBBM
11:10 Jimmy Joy Orch.—WGN
11:30 Boyd Raeburn Orch.—WENR
11:30 Boyd Raeburn Orch.—WENR
11:30 Boyd Raeburn Orch.—WENR
11:30 Griff Williams Orch.—WENR
11:30 Griff Williams Orch.—WENR
11:30 Griff Williams Orch.—WENR
11:30 Soyl Raeburn Orch.—WENR
11:30 Jimmy Blade Orch.—WENR
12:00 Jimmy Blade Orch.—WBBM
12:15 George Olsen Orch.—WBBM
12:20 Another Dance—WENR
12:30 Alother Dance—WENR
12:30 Del Courtney's Orch.—WGN

FRIDAY

WIBA FRIDAY

2:30 Music of the Day
2:35 NBC Right to Happiness
3:00 BLU Frolics
3:15 NBC Stella Dallas
3:30 NBC Lorenzo Jones
3:45 NBC Young Widder Brown
4:00 Campus Jamboree
4:15 School and Home
4:30 Happy the Humbug
4:45 Rhythm Rangers
5:15 Santa Claus
5:30 News Edition
5:35 Neys Edition
5:45 Sports Parade 7:00 NBC World News
7:15 Trading Post
7:30 State Journal News Edition
7:50 Musical Clock
8:30 Inquiring Mike
8:45 Shopping Guide
8:40 Tic Toc Tunes
9:15 NBC The Open Door
9:30 Betty Cass
9:45 NBC First Plano Quartet
10:00 NBC Road of Life

3:10 Santa Claus
3:30 News Edition
3:45 Sports Parade
5:55 News Report
EVENING
6:00 NBC Waring Victory Tunes
6:15 NBC News of the World
6:30 Dinner Melody
6:45 NBC Robert St. John
7:00 NBC Concert Hour
7:30 NBC NBC All Time Hit Parade
8:00 NBC Orville Wright Dinner
8:30 NBC People Are Funny
9:00 NBC Amos 'n' Andy
9:30 Truax Field Calling (DB)
10:00 Nght News Edition
10:15 Treasury Parade
10:30 South American Magic
10:45 Let's Learn Spanish
11:00 NBC News Report
11:05 Masterworks
11:30 NBC Thomas Peluso Orche
11:55 NBC News Report

WHA FRIDAY

MORNING
7:30 Band Wagon
7:45 Morning News
7:58 WHA Program Review
8:00 Music You Want: Program by
Boston Pops Orchestra
8:30 Morning Melodies
9:00 Ruth Andrews, organist
9:15 News and Views
8:30 Rhythm and Games: "Christmas
Joys" Joys"

9:50 News of Wisconsin 9:57 Weather Report: Eric Miller, meteorologist 10:00 Homemakers' Program: How Can I Help?, Dr. L. R. Cole: The United Nations Face Christmas, Business and Professional Wo-

10:30 Musicale Moments 10:45 French Program

6:30 Supper Interlude-WMAQ 6:30 Supper Interlude—WMAQ
6:30 Lone Ranger—WLS
6:30 Friday on Broadway—WBBM
6:45 Llon's Roar—WGN
6:45 Robert St. John—WMAQ
7:00 Kate Smith Hour—WBBM
7:00 Concert Hour—WMAQ WTMJ
7:15 Gracle Fields—WGN
7:15 Parker Family—WLS
7:30 Carnegle Hall—WMAQ WTMJ
7:30 Meet Your Navy—WLS
8:00 Orville Wright Dirner—WMAQ
8:00 Gabriel Heatter—WIBU WGN
8:00 Playhouse—WBBM WCCO KMOX
8:00 Gang Busters—WENR
8:15 Gracle Fields—WBN 8:15 Gracie Fields-WIBU

8:00 Playhouse—WBBM WCCO KMOA
8:00 Cang Busters—WENR
8:15 Gracle Fields—WENR
8:15 Gracle Fields—WENR
8:30 Spotlight Bands—WENR
8:30 People Are Funny—WMAQ
8:30 Poople Are Funny—WMAQ
8:30 Poople Are Funny—WMAQ
8:30 Double or Nothing—WGN WIBU
8:55 Story Dramas—WENR
9:00 Boxing: Ruffin vs. Angott—WGN
9:00 Durante and Moore—WBBM
9:00 John Gunther—WENR
9:00 For Gunther—WBBM
9:15 Nightcap Yarns—WGN
10:00 Fyeld Wellow WENR
10:00 Fred Waring Orch.—WBM
10:00 Fred Waring Orch.—WMAQ
10:15 So the Story Goes—WBBM
10:30 The Vagabonds—WMAQ
10:35 Pop Concert—WENR
10:35 Pop Concert—WENR
10:35 Forenade in Swing—WBBM
11:05 Jan Garber Orch.—WBM
11:10 Griff Williams Orch.—WGN
11:15 Words at War—WMAQ
11:15 Lou Breese Orch.—WENR
11:30 Nick Brodeur Orch.—WBM
11:30 Nick Brodeur Orch.—WBM
11:30 Nick Brodeur Orch.—WBM
11:30 Eddie Oliver Orch.—WBM
11:30 Nick Brodeur Orch.—WBM
11:30 Eddie Oliver Orch.—WBM
11:30 Nick Brodeur Orch.—WBM
11:30 Eddie Oliver Orch.—WBM
11:30 Read Orch.—WGN
11:30 Read Orch.—WGN
11:30 Read Orch.—WGN
11:30 Say Pearl Orch.—WBM
12:30 Johnny Long Orch.—WBM

Tonight WBBM 7:00 Starring-

CHARLES



11:00 Backgrounds of World War II:
Prof. Chester Easum

11:50 Noon Musicale
AFTERNOON

12:20 Noon News
12:30 Farm Program: Livestock Imported for Feeding, Dr. V. S.
Larson; Farm Question Box, Rupert Rasmussen
1:00 Chapter a Day: "The Running Tide", Aleksandra
1:30 Book Trails: "Tono Antonio"
2:00 Following Congress
2:30 Music of the Masters
3:30 Reading for Wartime: Blitzkrieg and Bluff-Major Erwin Lessner
4:00 Alpine Melodies
4:30 Treasury Star Parade
4:455 Adventure Stories: "Mowgli Stories"—Kipling
4:55 Atternoon News
5:00 Masterworks of Music

5:00 Masterworks of Music

12:30 Boyd Raeburn Orch .- WBBM 12:30 Pot Luck-WMAQ 12:30 Jimmy Joy Orch.-WGN 12:45 Del Courtney Orch.-WGN

NEWS BROADCASTS

TONIGHT 5:09 WMAQ WGN 8:55 WENR 5:00 WIND 9:00 WGN WENR 5:00 WCCO WBBM 9:15 WGN 5:15 WMAQ 9:45 WENR 5:30 KMOX 10:00 WIND WCFL 5:30 WBBM WCCO10:00 WGN WIBU 5:30 WIBA WTMJ 10:00 WTMJ WIBA 5:30 WBSM WCCUION WGN WIBO
5:30 WBSM WCCUION WGN WIBO
5:45 WMAQ 10:15 WIBA WMAQ
5:45 WBBM 10:15 KMOX WCCO
5:55 WBBM WIBA 10:30 WIBU
6:00 WBSM WIBD 10:30 WGN WBBM
6:00 WLS WIND 10:45 WENR WGN
6:05 WBBM 10:30 WIBU WGN WESM
6:30 WIND WCFL 11:00 WIBA WBBM
6:30 WIND WCFL 11:00 WIBA WBBM
6:30 WIND WCFL 11:00 WGN WENR
6:35 WMAQ 11:00 WCCO WMAQ
7:05 WIBU WGN 11:05 WGN
7:25 WIBU 11:55 WMAQ
7:25 WIBU 11:55 WMAQ
7:25 WIBU 11:55 WBA WENR
7:55 WBBM KMOX12:00 WBBM WGN
8:00 WIBU WGN 12:55 WMAQ WENR
8:15 WGN 1:00 WGN WIND
8:30 WCFL 2:00 WIND (also
8:45 WIND 15

5:30 WMAQ WIND 9:30 WLS WIND
6:00 WMAQ WIND 9:40 WGN
8:05 WTMJ 9:50 WHA
6:25 WIBA 10:00 WIND WIBU
6:30 KMOX WTMJ10:30 WLS WIBA
6:45 WLS 10:45 WLS
6:55 WBM 11:00 WIND WGN
6:55 WBM 11:00 WIND WGN
6:55 WBM 11:00 WIND WGN
7:00 WBBM 11:00 WIBU WJJD
7:00 WBM 11:00 WIBU WJJD
7:00 WIBA WLS 12:00 WIBA WJJD
7:00 WIBA WLS 12:00 WIBA WJJD
7:105 WGN 12:00 WGN
7:15 WGN 12:00 WGFL WIND
7:15 WGCO WBBH12:15 WIBU
7:30 WIBA WTMJ 12:20 WHA
7:45 WHA
7:45 WHA
7:45 WHA
8:00 WGN WBM 12:30 WGN WIBA
8:00 WIND KMOX 12:30 WGN WIBA
8:00 WGN WBBM 12:45 WGFL
8:15 WLS WMAQ 12:55 WTMJ
8:25 WTMJ 1:00 WIND WCFL
8:30 WIND WCCO 1:30 WLS FRIDAY 8:25 WTMJ 1:00 WIND WCFL 8:30 WIND WCC 1:30 WLS 8:40 WMAQ 1:30 WJJD WIBU 8:45 WIND 1:45 WGN WCCO 1:55 WTMJ 2:00 WIND WIBU 9:15 WHA WCFL 2:45 WLS

SPORTS REVIEWS

• TONIGHT! •

ABBOTT AND

CAMEL CIGARETTES

WIBA-9 P. M.

TONIGHT 6:00 KMOX 5:45 WIBA WTMJ 9:00 WIND FRIDAY

P. M. 2:15 WIND 3:15 WIND 4:15 WIND 5:15 WIND



LAUGHTON



Uncle Ray's Corner Reader, Age 91, Makes Greek

Style Water Clock

5:45 WIBA WTMJ 6:00 KMOX 9:30 WTMJ WMAQ 10:45 WGN clock."

keep perfect time because, I think, of changes in the air and tempera-THERE are people in this found that it will work best when world who keep the spirit fine oil is used instead of water."

Two or three years have passed

TIME FOR YOUR SHOWER - HENRY!

of youth, no matter how many years pass by. Take, for instance, Mr. John F. Wing, age

Two or three years have passed since I wrote about the clock which has the Greek name of "clepsydra." When I told about it, I had no idea 91. He has written to tell me that anyone would try to make one. hours, and in that way tells time. that with his own hands he has I am pleased that this reader was built a Greek style "water able to figure out the way to make a clock of this kind. When the it from what I said.

clock."

"It was made from your description of a water clock," when finished, also a diagram to he says, "and it works. It does not show the "works." Water drips does not keep perfect time. People

ture, but it works very well. I have tance over a peg. A small weight have been kept waiting in those is fastened to the end of the thread days! which hangs over the peg. As the float slowly rises in the water, or oil, the movement of the spool makes a hand turn slowly. hand passes by the numbers of the

Greeks used it, they had to estimate

from a tank into a jar. As the jar | of long ago had trouble when they slowly fills, a float inside it rises used water clocks! It was hard to toward the top.

A strong thread passes from the float up to a spool. After being had a fast drip might be an hour wrapped around the spool just or two ahead of some other clock. once the thread goes a short dis- Think of how many persons must

> Mr. Wing also tells of seeing a great comet in the northern sky when he was a small boy. Possibly he is thinking of Donati's comet, which appeared in 1858, when he was six years old. Another fine comet, the Great Comet of 1861, appeared when he was nine years of age.

> > Uncle Ray









