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Results of 70 Track Meets

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REEL OFF



THE ASHFORD INCIDENT. Let's not get too involved with the happenings in the 60y dash at the Jack-In-The-Box Meet at San Diego. You all know the fiasco which involved Evelyn Ashford, Jeanette Bolden, Alice Brown, three other runners, the starter, the assistant starter, the meet referee, the meet director, the meet manager, coaches and spectators. After all the talk and debate, one must admit it was a lousy start. Something was wrong. When only 3 runners finish a 60y dash and they are far apart, SOMETHING

was wrong. Some say Ashford rolled, some say Brown jumped, some say this and some say that. All the officials and meet directors and referees and managers in the world have absolutely NOTHING to say about the start. If the starter says the start was legal, it was legal and there is no recourse.

A-ha, we have now hit upon the crux of the entire incident. No starter will ever admit he was in error. And the starters in the United States are completely intimidated by the sprinters. Starters simply will not hold sprinters and hurdlers in the set position. The number of starters in the US who have the guts to hold sprinters in the set position can be counted on one hand. Maybe half a hand. I reviewed a tape in which a world record was set in a race in Germany. The time elapse from the instant the runners began to move from the crouch position to the set position and the firing of the gun was 3.2 seconds. Believe me, there will be very few rolling starts under those conditions. At the TAC Championships in New York on February 26, I timed the starter and not once in the entire meet were runners given even one second from movement to gun. No wonder people run fast here. That's giving the runner a nice rolling start. Plus the fact that most sprinters don't begin to move to the set position at the command, but wait a few tenths and really get that roll.

Who was right in San Diego? The only one who did the right thing was Ashford - after the gun was fired. Go like the wind until you hear a recall. But how can Ashford's time be accepted? Spectators report Ashford did not jump but went "with the gun". You can't do that. If you go "with the gun", you have guessed. You can legally go only "after" the gun.

I once ran in a 100 where the nervous starter fired the gun before giving the command "set", so San Diego's woes are zilch!

THE TAC TELECAST. Were you unfortunate enough to have seen the TAC Championships live on TV? What a mess! Mobil must be in shock. There wasn't much of anything about the telecast that one could report worth while. Some good camera work, but it was spoiled by directors errors. You'd think an American would be able to understand an announcer with Olympic experience and a name like Marty Glickman. But his accent was almost impossible to overcome. It was easier to understand the Irish brogue of Eamonn Coghlan! Rafer Johnson seemed completely lost and probably was. Francie Larrieu tried hard but still hasn't the experience. Best of the talkers was Frank Litsky, who admits he is not a talker. But he knows the subject. He seemed to be the only one who did any homework. It simply was a fiasco First Class. Glickman did not give results or times. Glickman called the hurdles "as close as it could be - I don't know who won and I have no idea who was third". And that was it. Wrong identifications of the women were heard. You saw Rienstra and Huntley high jumping, but you never were told who won. Glickman called the mile relay with "Adams" leading - as I rushed to my files to see what Adams State had done because I couldn't remember

COVER PHOTO - 1981 US javelin champion Karin Smith. (Cindy Cumbess photo).

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Germany's marathoner Christa Vahlensieck recently had a PR at 2:34:42, her first improvement since her 2:34:48 made in 1977....Iowa State's new Danish import, Dorthe Rasmussen, is best known for her marathon efforts, but beware if you meet LSU in a dual meet. Rasmussen holds the Danish National records in the 100 (11.59), 200 (23.65), 1000m (2:44.9), marathon (2:40:35), 100H (13.45), 200H (27.3), HJ (6'1 1/4), LJ (21' 4) and heptathlon (5716)....It's been a few months, so we have a passel of "Names I Like": Lisha Grabasch (Fleet Feet Striders), Karen Fileshter (West Chester State), Lady Valentine (Bay Ridge HS, Brooklyn), April Powers (Aggie RC), Patty Hans (Florida), Susie Sing (Ky), Mioeka Wash (Ky), Sunday Wallen (Southern Ky), Fawnda Cox (N.Hardin, Ky), Joyce Whang (MIT), Windy Alvarado (VOSTC), Tanya Spillum (ND St), Dee Dee Degan (CS Northridge), Lydia Shook (Houston Harriers), Kelly Bungo (Milpitas), Anastasia Lovato (Albuquerque Tumbleweeds) and Yolanda Waddles (Col.Flyers)....

Florida State's coach Roger Smith will be out of action for a spell due to health reasons. He has taken a leave of

Continued on page 3

any mark for them. Turned out to be the Atoms winning it. Absolutely no preparation had been done by the announcer. As "Track and Field News" says, "the best telecaster our sport ever had", Dick Bank, is sitting at home.

Happily, my opinion of the telecast was not a one person thing. In the Los Angeles Times for March 5, Larry Stewart, their sports TV-Radio columnist, reports on the TAC telecast as follows: "On the 26th was one of the worst sports telecasts in years, a track meet at Madison Square Garden. The telecast was so bad that two knowledgeable track fans I know called it 'the worst telecast in history'. For one thing, the camera work was shoddy. Example: At the start of the sprints, viewers got closeups of the starting gun going off. Just what everybody wants to see.

"The six announcers - an array of athletes, coaches and "track experts" - offered mostly useless information. About all Francie Larrieu could say during her insightful interviews was, 'Congratulations, great race!'. And she insisted on talking to runners while they were still out of breath.

"Before the men's 60, announcer Marty Glickman, who had trouble keeping up with the cameras, said, "Houston McTear is taking his time getting into his blocks. Wait a minute. McTear isn't there." He never explained why McTear missed the race."

You get the idea. It was a terrible two hours! I will stick up a little for Larrieu, however. Granted she is not yet an expert on interviews, but even having these interviews is a rather stupid thing. Just what do you ask someone? How do you feel? What were you thinking about when Samantha came up to your shoulder? And I believe Larrieu was obeying orders from the producers when she had the interviews so soon after the race. Anyway, if you slept through the telecast, you won.

WHEN DID YOU RECEIVE YOUR MAGAZINE? We hesitate to knock the Post Office. Frankly, the staff at the Claremont PO has gone out of their way to be helpful in setting up the mailing service for the magazine from their bivouac. However, the magazine was taken to the Claremont Post Office on February 17 and mailed. However long it took you to receive yours will not, I am sure, match how long it took me to get my copy in the PO box in the same building and in the same room in which it was mailed. My copy arrived on February 27 - took 10 days to travel about 35 feet. The magazine will be mailed on the 15th of each month unless that date is a holiday. You can keep track of how long it takes for delivery from that fact.

Kaleidoscope (Continued)

absence and assistant Gary Winckler will take over....Want to be confused? At the Oklahoma Track Classic, the official result sheets indicated three athletes named Smith took part in the 440 yard dash prelims - Sheila from Eastern University, Evelyn and Ellen from Texas A&M. So far, OK. However, the official result of the final showed that two Smith's placed. Bev Smith (Tx A&M) was third and Helen Smith (Tx A&M) was 5th. What happened to Sheila and Evelyn and Ellen?....17y Heike Daute of East Germany opened her indoor season with a jump of 21'7".....Jennifer Tin Lay of Burma, a long-time member of our 'Names I Like' department, recently won her 13th gold medal in SEAP Games competition, (Southeast Asian Peninsula). Jennifer began in 1966 at age 17 by winning the shot with a put of 38'5 and this year won the shot (45'2") and discus (150'6) at age 32....Stanford's javelin champion Mary Osborne suffered a broken ankle in a gym class accident and will be out of competition for a spell....

The 1:58.4 made by East Germany's Martina Steuk was made on an oversized track (250m) and won't count as a record.... Julie Leeper is a high jumper for Southern Illinois....Colorado State's Bonnie Tamis has been named that school's outstanding female scholar-athlete....Bowling Green University will drop women's indoor track beginning next year. The men's team has also been discontinued....From Bernie Cecins in Australia we learn the busiest runner down under during the past month has been Michelle Baumgartner. On January 18 she ran a 2:02.1 in a mixed race, five days later had a 400/800 double at 53.2 and 2:03.0, on the 30th she ran 2:02.0, then a 54 flat on February 6, a 53.6 on the 11th, lost with a 2:02.70 on the 20th and lost to Raelene Boyle in the 400 on the 21st with 53.36. Busy, busy, busy. Incidentally, Boyle ran 52.35 and remember she was a medal winner in the sprints at Mexico Olympics in 1968. Another Aussie, 15-year old Jodie Nykvist set a junior mark of 4:19.8 in the 1500....England has created a "Women's National Marathon Squad" which is sponsored by a mineral water company. The squad has six members at present and will probably add a couple more in the future. They are sponsored for full time training and competing....

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The Coach Says...

JESSICA DRAGICIVIC (Illinois): "Of course the seventh place Illinois finish (at the Big-10 Championships) was disappointing. I feel that we are a stronger team than the score reflects. The Illini had a good showing, placing in twelve of the seventeen events, setting six school records, and recording ten personal bests."

SUE PATTERSON (North Dakota State): "We will not only be strong in mid-distance and distance, but this year you will find we have added strength in our sprint events"

GARY PEPIN (Nebraska): "Team depth has improved in both quality and quantity this year in almost all areas, but right now the middle and long distances still remain a big question mark in the team's aspirations to win a national championship. We really have a strong team this year."

BOB McGUIRE (Cal State Hayward): "If we stay healthy, this team should be stronger than last year. Our strong areas in dual meets and the conference championships will be the throwing events, high jump, middle distance and sprints."

DALE KENNEDY (Montana State): "We're gaining momentum every week and our athletes are continuing to improve. We're enthusiastic about our chances."

STEVE MILLER (Kansas State): "We've gotten virtually no respect from the rest of the conference and that's about to change."

VERN GAMBETTA (California): "We have a very young team and we'll just get better and better."

BEV ROUSE (Arkansas): "The meet confirmed what I thought about our field events." (Missouri outscored Arkansas 30-9 in the field events.) "We definitely outran Missouri but we just couldn't match up with them in the field events. We'd be pretty tough if it wasn't for that."

CECIL WARD (Western Kentucky): "As in the past, we don't have a great number of people on our roster, but we're young and talented."

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WOMEN'S

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Records Galore at TAC Championships

New York, New York, February 26:—They staged a pretty fair country track meet here today. Sixteen athletes - maybe 17 - either moved onto the All Time US Indoor List or improved a position they already held. Close competition in most events made for an exciting day of competition.

The controversial event of the meet, (seems there is always at least one), was the long jump. The event was held in the morning and judges may have been bleary eyed from previous evening of celebrating. Veronica Bell, long-time journey-woman jumper and now a student at Cal Poly Pomona, got off a leap of 21'11 $\frac{3}{4}$ " on her first trial for a new American record. Or was it? Is it possible for an athlete to suddenly jump nearly two feet farther than ever before? No, you say - ah, but Bob Beaman did it. Gayle Hopkins did it. It is possible. The officials, who read the easily misread Lufkin tape, called out 6.70, but the suspicion is the mark was actually 6.07 or 19'11". Bell's next best jump of the competition was 20'1 $\frac{3}{4}$ " had earlier indoor marks this year of 19'6 $\frac{1}{2}$ " for third place at the Sunkist, 19'10" for third place at Dallas and an outdoor leap of 20'0 $\frac{1}{2}$ " at Long Beach. Her 1981 best was 20'6 $\frac{1}{4}$ " and she had a wind-aided mark of 21'0 $\frac{1}{2}$ ". She will have the event officials on her side for no wise official would ever admit reading the tape wrong. The jump was not measured and approved by the meet referee, a requirement of the rules, and was raked before any checking could be done. Now it's up to records chairman Bob Hersh. How do you vote?

The biggest mass assault on the record books came in the two mile run where Joan Hanson, running her first two miler cracked the best-ever mark with a 9:37.03 clocking and bringing Brenda Webb, Margaret Groos and Lisa Welch with her into the record list. Webb moved to the number two spot on both world and US lists, Groos is now #3 on both lists and Welch is #8 on the US list and #10 on the world list. Hanson ran a smart race, took the lead with about two laps to go and held on for the win.

Chandra Cheeseborough, who had the busiest day of anyone in the meet with three 60's, two 160's and four 220's, had a sparkling 23.25 furlong in her heat, good enough for the best-ever for the distance. In the final, she ran a bit slower, but pulled LaShon Nedd to 23.81, the #2 mark in US books. Cheeseborough, apparently running back to 1976 form and more powerful now, was third in the 60 and picked up two more golds as the Tennessee State 4x220 and 4x160 relay teams were victorious.

The 60 brought together Evelyn Ashford and Jeanette Bolden for a season finale showdown. Bolden has usurped Ashford three times during the indoor campaign and was off quickly in the final of this race. As the old adage says, "a fast start isn't necessarily a good start", Ashford pulled even at about 40 yards and won by a slight margin in world record time of 6.54 - unless you wish to consider the "Ashford Incident" mark at San Diego as the record. Bolden's 6.59 is the #2 mark for US and world.

Stephanie Hightower and Candy Young did it again and finished within inches of each other. Hightower declared the winner this time and the mark of 7.38 equalled the best-ever which both runners made the last time they met. Young was a measly one-hundredth of a second behind.

Leann Warren sat behind an over-striding Delisa Walton and Joetta Clark for all but 100 yards of the 880 and then cruised past to win in 2:04.61 to 2:04.83 for Walton. Warren now has USA's second best time, Walton is #4 and Clark, with a fine 2:06.58, is #6.

Cathy Twomey captured her first-ever US title with her fastest-ever time of 4:32.92. Twomey went to the front and no one could catch her although Cindy Bremser gave it a good go. Bremser ran 4:33.25 and is now #7 on the US List and #8 on the world list, one spot behind Twomey on both lists.

Coleen Reinstra annexed the high jump at 6'3 $\frac{3}{4}$ " and Marita Walton took the shot. Most exciting news in the shot was the fifth place finish by Cal State Long Beach's Annie McElroy who not only got over 50 feet for the first time, but went right on by and almost moved into the 52 foot class with a mark of 51'11 $\frac{3}{4}$ ".

You all believe McElroy improved two feet - now what about Veronica?

(At the Long Beach Relays on March 6, McElroy placed second in the shot with a throw of 49'5"; on the same day at the Aztec Invitational, Bell placed third in the long jump with a jump of 20'0 $\frac{1}{4}$ " wind-aided.)



Socia-Bebrakane en Hanson



Don Wilson Photography

Joan Hanson (left) set a new record for two miles at the TAC Championships and Cathie Twomey (right) won her first national title capturing the mile. (Twomey photo by Don Wilson).

RESULTS: 60yH, 1-Stephanie Hightower (LAN) 7.38, 2-Candy Young (FD) 6.39, 3-Kim Turner (UTEP) 7.67, 4-Benita Fitzgerald (Tn) 7.70, 5-Karen Cannon (Un) 7.72; 60y, 1-Evelyn Ashford (MedTC) 6.54, 2-Jeanette Bolden (WAC) 6.59, 3-Chandra Cheeseborough (TSU) 6.62, 4-Brenda Morehead (PAL) 6.71, 5-Alice Brown (WAC) 6.86; 2M, 1-Joan Hanson (AthWst) 9:37.03, 2-Brenda Webb (AthWst) 9:37.64, 3-Margaret Groos (AthWst) 9:37.65, 4-Francis Larrieu (NBTC) 9:44.88, 5-Lisa Welch (Va) 9:55.71; 440, 1-Maxine Underwood (BITC) 54.55, 2-Gwen Gardner (LAM) 54.78, 3-Edna Brown (Temple) 55.06, 4-Arlise Emerson (WAC) 55.59; 220, 1-Chandra Cheeseborough (TSU) 23.46 (23.25h), 2-LaShon Nedd (WAC) 23.81, 3-Florence Griffith (WAC) 24.49, 4-Darlene Jefferson (Hst) 24.58; Mile, 1-Cathie Twomey (AthWst) 4:32.92, 2-Cindy Bremser (WisUn) 4:33.25, 3-Jan Merrill (AGAA) 4:36.17, 4-Jill Hawthorn (Va) 4:37.14, 5-Darlene Beckford (Harvard) 4:40.86; 880, 1-Leann Warren (Ore) 2:04.61, 2-Delisa Walton (Tn) 2:04.83, 3-Joetta Clark (Tn) 2:06.58, 4-Jo White (Richmond) 2:06.93, 5-Lorna Forde (Atoms) 2:07.66; MedR, 1-Tennessee State (Pollion-Fort-Pernell-Cheeseborough) 1:44.26, 2-DC International 1:46.96, 3-S-Cal Cheetahs 1:48.19, 4-Morgan State 1:49.00; 4x440, 1-Atoms TC (Vega-McClure-Forde-Dixon) 3:40.54, 2-DC International 3:41.94, 3-BOHA 3:46.70, 4-Boston Int TC 3:49.90; 640yR, 1-Tennessee State (Cheeseborough-Fort-Pernell-Davis) 1:09.36, 2-Wilt'a AC 1:11.23, 3-LA Mercuresses 1:11.66, 4-Houston 1:12.25; HJ, 1-Coleen Reinstra (WAC) 6'3 $\frac{3}{4}$ ", 2-Louise Ritter (PCC) 6'0 $\frac{1}{4}$ ", 3-Joni Huntley (PCC) 5'10 $\frac{1}{4}$ ", 4-Yolanda Gibson (Atoms TC) 5'8 $\frac{1}{2}$ ", 4-Hisayo Fukumitsu (Japan) 5'8 $\frac{1}{2}$ "; LJ, 1-Veronica Bell (SCC) 21'11 $\frac{3}{4}$ ", 2-Kathy McMillan (CoastAth) 21'2 $\frac{1}{2}$ ", 3-Evalene Hatcher (Morgan State) 20'10 $\frac{1}{4}$ ", 4-Carol Lewis (Hst) 20'7 $\frac{1}{4}$ ", 5-Kim Schofield (F1) 20'3"; SP, 1-Marita Walton (Md) 55'11 $\frac{3}{4}$ ", 2-Denise Wood (KnoxTC) 53.5, 3-Elaine Sobansky Penn St) 52'6 $\frac{1}{4}$ ", 4-Sandy Burke (Northeastern) 52'0 $\frac{1}{4}$ ", 5-Annie McElroy (CSLB) 51'11 $\frac{3}{4}$ "; Scores, 1-(Tie) TSU and Wilt's AC 17, 3-Athletics West 13, 4-Southern California Cheetahs 7, 5-(Tie) Atoms TC, Boston International, DC International and Tennessee 6.

Fast Marathon in Japan

Osaka, Japan, January 24:—Running her first competitive marathon, Italy's Rita Marchisio, a 31-year old mother of two, defeated a fine field of international marathoners in the good time of 2:32:55. Marchisio came on fast over the final stages of the race and fast finishers were catching the leaders over the last two miles. Laura DeWald was the first American, finishing fourth.

RESULTS: 1-Rita Marchisio (Ita) 2:32:55, 2-Carla Beurskens (Hol) 2:34:14, 3-Chritsa Vahlensieck (WG) 2:34:42, 4-Laura DeWald (USA) 2:34:59, 5-Joyce Smith (GB) 2:35:54, 6-Ingrid Kristiansen (Nor) 2:36:33, 7-Lovenich (WG) 2:38:20, 8-Sarah Quinn (USA) 2:39:40, 9-Vreni Forster (Swi) 2:40:05, 10-Chantal Langlace (Fra) 2:40:53, 11-Sasaki (Jap) 2:42:09.

Book Reviews

TWO BOOKS BY PHYLLIS EMERT

"Jane Frederick, Pentathlon Champion", Harvey House Publishers, 1981. \$5.99. A good biography that follows pentathlete Jane Frederick from age seven through 21 years of growing up and competing. Definitely for the younger age group, but contains some interesting early photos and tells all including how things were at the Junior Prom.

"Illustrated Track and Field Dictionary for Young People", Prentice-Hall, Inc. \$2.50. One of the 'Dictionary Series' books for young people. Mrs. Emert asked me to provide some advisory help in connection with this book and my first reaction was "What a dumb idea to write a Track Dictionary". However, if you're beginning the sport and you are asked to contact the "marshall" at a meet, how'd you know who the Marshall was? Or what it means to chop, or what's a pentathlon or a layout or a trail leg or a trial. It's a good book and it is blessed with a multitude of eye catching drawings by Marietta Smith. And so the Track Dictionary is not a dumb idea and if you have a young friend beginning the sport, this is a good gift.

"Superstars of Women's Track" by George Sullivan, Dodd Mead Publishers. \$6.95. Another book for the younger set. The Superstars covered are Mary Decker, Grete Waitz, Evelyn Ashford, Madeline Manning, Julie Shea and Candy Young and each is covered quite adequately. The words "World Record" are bandied about quite carelessly, but otherwise the tales of each of the athletes is interesting and worth while.

"The Athlete's Body" by Ken Sprague, J. P. Tarcher, Inc. \$13.95 (cloth), \$8.95 (paper). If you're a student of the sport, this is a book which must be added to your library. Very informative, it is aided by clever drawings which keep the attention. Does Mr. America have more muscles than Audrey Hepburn? (The answer is 'no'). Impossible to describe the entire contents of the book, but it is a good one. The contents are divided into "How it Works", "How to Improve It", "How to Feed It", "How to Repair It" - and each section is sub-divided and completely covered in a manner that keeps your interest. Buy it.

Letters

"Perhaps the thing I liked best about your March issue was that you used pictures and stories and results about little-known athletes and schools and meets. 'Track and Field News' is so exclusive, no one not in Division I can get any recognition. Keep up the great work."

A. Hershey
Harrisonberg, W.Va.

"Whoever your sponsor is, their name should be emblazoned across the cover of your publication in big red letters. This is the best thing to happen to women's track since passage of Title IX. Tell your sponsor we REALLY appreciate their donation and their support of women's track."

Jane Murphy
Ann Arbor, Michigan

"Your new colume 'The Coach Says' is a real good idea. It puts a few coaches on the spot - California's Vern Gambetta had better produce after claiming a 200% improvement! I have a few sayings which my coach said in the past, but I don't think he would like them written up in WTFW!"

Eleanor H.
(College withheld by
request)

"Most magazines list only 25-30 persons in the annual lists, so you are to be complimented on the depth of your 1981 US List which was printed in the March issue. Your lists averaged more than 70 names per event and went nearly 100 deep in a couple of events. I look forward to seeing the future issues."

James Watson
Riverside, Ca

A Need to Dispel Myths

THE ATHLETIC ARENA SHOULD OFFER OPPORTUNITIES FOR BOTH MALES AND FEMALES.

By Dr. Lynn Pacala, Director of Athletics (men and women) at Occidental College, Los Angeles, California. Reprinted from "Occidental College Magazine".

The last decade has been marked with a rapid growth in girl's and women's athletic programs. Since the passage of Title IX in 1972, elementary and secondary schools as well as colleges and universities have expanded their once male-dominated interscholastic and intercollegiate athletic programs in compliance with this mandate. Title IX stipulated that participation in interscholastic and intercollegiate athletic teams could no longer be based upon sexual discrimination.

Organized athletics have long been a masculine domain which people have tried to justify through social habit and biology. The myth that males are physiologically superior to females and, therefore, better suited for athletics has long been intellectually refuted. But the socio-emotional rejection of this myth will most likely take a considerable amount of time to diminish.

Since each form of sport carries with it a prescribed set of social patterns, certain behavior opportunities and limitations are established by the sport. Behaviors such as aggression, competitiveness and independence are generally believed to be valued characteristics of sport. Too often these are stereotyped traits characteristic of males. In contrast to these traits, behaviors of passiveness, solidarity and dependence are not as highly valued in athletics and too often associated with females.

If we accept as a premise that sport is a social institution, then we must also accept that the direction of athletic programs is a reflection of society's sociological, psychological and philisophical mores. In dispelling the myth of gender stereotypes and behavior, one needs to use an intellectual approach, rather than an emotional one.

Researchers involved in social psychology are recognizing the fact that personality traits and behaviors cannot be stereotyped based upon gender. All females are not born with a prepackaged set of behavior characteristics nor are males. In a similar vein, research indicates that although some behaviors may be more valued as appropriate for athletic participation, it would be a gross error to attempt to generate a list of valued athletic behaviors for all athletes in all situations. Ironically we are finding that a combination of once believed "female" characteristics are not only appropriate but valued in many athletic situations.

If women's athletics are to come of age, there must be a re-education of the various factions of society, beginning with the earliest socialization networks:- the family and the educational system. Young children need to be taught to value their potential based upon their individuality, not solely upon their grades. Children need to be afforded a wide range of experiences, both at home and in school. These experiences should not only make the child physically sound for participation, but also socially and emotionally ready for it.

The athletic arena offers a natural environment for the expression of self. It is an opportunity to be afforded males and females alike.

More Letters

"You and your associates are to be commended for having produced such a splendid publication and I know that it will be received extremely well."

Bill Schroeder, Managing Director
First Interstate Bank Athletic Foundation

"I am pleased to find that through my university I will once again be able to enjoy reading a copy of WTFW. As a former subscriber however, I am interested in knowing if WTFW will be offering or accepting individual (private) subscriptions."

Douglas Seacay, Assist. Coach
St. John's University, NY
(Ed.Note:-Just fill out the blank, Doug. We'll accept. VR)

INDOOR REPORT

Syracuse Invitational

Syracuse, New York, January 17:--Cornell's Dorianne Lambelet turned in the best mark at the early-season Syracuse Invitational when she broke the tape in the 800m run in 2:09.9s. Other good January marks were turned in by Queen's Melody Torcolacci with a 46'6" toss of the shot and three good runs over 50 meters by Lisa George of the home team. George ran her heat and semi in 6.6, then won the final in 6.7.

RESULTS: 50mH, 1-Peggy Stewart (Vil) 7.8, 2-Kate Workman (Queens) 7.9; 50m, 1-Lisa George (Syr) 6.7 (6.6h), 2-Elizabeth McGowan (Queens) 6.9, 3-Cynthia Miller (Syr) 6.9; Mile, Monika Osterlin (GazInt) 5:05.7; HJ, Peggy Stewart (Vil) 5'7"; 3000, 1-Ena Guevara (SyrCh) 10:16.6, 2-Alicia Hauber (Syr) 10:27.4, 3-Sue Shea (Vil) 10:29.7; 800, 1-Dorian Lambelet (Cor) 2:09.9, 2-Lynn Bernel (Queens) 2:14.9; SP, Melody Torcolacci (Queens) 46'6"; 400, Alison Smith (Syr) 58.7; 4x800/4x400, Syracuse 9:41.3/4:05.2.

Missouri Whips Iowa & Kansas

Columbia, Missouri, January 22:--Close competition was the order of the day as Missouri edged Kansas and Iowa in a triangular affair in Columbia. Missouri tallied 53 points to 40 for Kansas and 36 for Iowa. Ramona Riley (60) and Rosalyn Dunlap (600) led the Missouri team.

RESULTS: 2M, 1-Jennie Spangler (I) 10:39.80, 2-Ami Dobrowski (I) 10:48.91; 1000y, Sabrina Dornhoefer (M) 2:39.95; HJ, Helen Ogar (M) 5'6"; SP, 1-Stine Lerdahl (K) 46'10, 2-Gail Smith (I) 46'2"; 60y, 1-Ramona Riley (M) 6.88, 2-Dora Spearmon (K) 7.00; 880, Jenny Hayden (I) 2:18.58; 600y, 1-Rosalyn Dunlap (M) 1:21.94, 2-Donna Smitheran (K) 1:24.88, 3-Lorna Tucker (K) 1:25.86; 60yH, Donna Smitheran (K) 8.15; 300y, Mary Knoblauch (I) 36.79, 2-Ramona Riley (M) 36.95, 3-Dora Spearmon (K) 37.12; Mile, Andrea Fischer (M) 4:52.40; 4x220, Kansas (Spearmon-McCullough-Tucker-Smitherman) 1:41.73.

Purdue Invitational

West Lafayette, Indiana, January 30:--Fred Wilt's Boilermakers hosted and won the Annual Purdue Invitational as 16 teams took part. The Purdue squad won it with ease with 117 points to 83 for runner-up Illinois.

Only double winner was Sybil Perry of the home team who crossed the line first in the 60 and 300. Good marks were turned in by a couple of Kentuckians with Cindy Crapper's win in the shot and Bernadette Madigan's triumph in the two mile. Lorna Russell, Purdue, ran a good flight of hurdles.

RESULTS: LJ, 1-Gayle Brandon (E.Ill) 19'3", 2-Hopkins (Ill State) 19'1"; 2M, 1-Bernadette Madigan (Ky) 10:08.3, 2-Wendy Van Mierlo (IllSt) 10:20.2, 3-Alanna McCarthy (Pur) 10:25.9, 4-Mary Witt (Ky) 10:49.1; SP, 1-Cindy Crapper (Ky) 49'9, 2-Jenny Oberhauser (MurSt) 43'0"; Mile, 1-Andrea Marek (Pur) 4:52.74, 2-Nancy Sanford (Pur) 4:57.05, 3-Becky Cotta (Pur) 5:01.63; 4x220, 1-Illinois 1:45.14, 2-Eastern Illinois 1:45.53, 3-Mayor Hatcher YF 1:45.79, 4-Murray State 1:46.32, 5-Purdue 1:46.36; 60mH, 1-Lorna Russell (Pur) 8.61, 2-Tonya Lowe (Ky) 8.74, 3-Judy Thomas (Ky) 8.92 (8.77s); 60m, 1-Sybil Perry (Pur) 7.50, 2-Sandy Harris (SW Mich) 7.63, 3-Angela Gay (WKy) 7.71 (7.65s), 4-Deborah Jackson (MHYF) 7.73; DisMed, 1-Purdue 11:57.95, 2-Illinois 12:12.74, 3-Northwestern 12:36.3; 440, 1-Sheila Clay (WKy) 58.02, 2-Rolanda Copis (Ill) 58.16; 880, 1-Dawn Garotte (Pur) 2:15.47, 2-Denise Lores (IllSt) 2:15.95; HJ, Meyle (Ill) 5'9"; 300y, 1-Sybil Perry (Pur) 36.00, 2-Liz Greathouse (EIll) 37.62, 3-Allen (Ky) 37.78; Pent, 1-Charlene Dale (Ill) 3626 (9.28/5'8"), 2-Maggie Woods (Pur) 3514 (5'8"), 3-Lisa Plummer (Ill) 3505 (5'8"/2:27.53), 4-Gloria Tyree (BallSt) 3400, 5-Mary Swanson (EIll) 3315; 4x400, Illinois 4:01.53; Scores, 1-Purdue 117, 2-Illinois 83, 3-Eastern Illinois 50, 4-Illinois State 43, 5-Kentucky 39, 6-Murray State 27, 7-(Tie) Western Kentucky and Ball State 16, 9-Mayor Hatcher YF 10, 10-Southwestern Michigan 8, 11-Northwestern 6, 12-Lady Boilermaker TC 1, Wis/Parkside 1, St. Joseph's 1, Terre Haute TC 1 and Notre Dame 1.

Western Michigan Invitational

Kalamazoo, Michigan, January 23:--The University of Michigan took top honors at the Western Michigan Invitational in Kalamazoo. The home team was second with Eastern Michigan in the third spot. Eastern Michigan's Ellie Hayden grabbed a couple of golds with her 6'0" leap in the high jump and running the second leg on the distance medley team. Teammate Gina Temprow scored a double with wins in the 60m and 200m hurdle races.

RESULTS: SP, Penny Near (Mich) 44'7"; LJ, Lorrie Thorton (Mich) 19'7"; 4x200, 1-Michigan (Sharpe-Middleton-Thorton-Kazinec) 1:43.56, 2-Eastern Michigan 1:44.64; 1500, 1-(Tie) Sue Frederick (Mich) and Melanie Weaver (Mich) 4:32.56, 3-Sue MacDonald (WM) 4:35.32; 60mH, 1-Gina Temprow (EM) 8.73 (8.65h), 2-Joanna Bullard (Mich) 8.89; HJ, 1-Ellie Hayden (EM) 6'0, 2-Joanna Bullard (Mich) 5'8"; 600m, 1-Dawn Woodruff (Mich) 1:37.73, 2-Martha Gray (Mich) 1:39.85; 200mH, Gina Temprow (EM) 28.94; 5000, Melanie Decker (WM) 17:31.82; 300m, Brenda Kazinec (Mich) 40.88; Pent, 1-Charlene Dewey (Bradley) 3138, 2-Shelley Owen (EM) 3053; 4x400, Michigan (Frederick-Woodruff-Kampen-Kazinec) 4:00.37; DisMed, 1-Eastern Michigan (Gusie-Hayden-Love-Scheffer) 12:14.0, 2-Western Michigan 12:17.01, 3-Michigan 12:28.78; Scores, 1-Michigan 145, 2-Western Michigan 119, 3-Eastern Michigan 117, 4-Ferris State 29, 5-Southwestern Michigan 27, 6-Bradley 20, 7-Aquinas 0.

Missouri Over Arkansas 85-76

Columbia, Missouri, January 29:--The University of Missouri scored a narrow 85-76 victory over visiting Arkansas in a four-way meet in Hearnes Fieldhouse. Missourian's Ramona Riley and Rosalyn Dunlap had the best marks with Riley zipping to a 6.88 clocking for 60 yards and Dunlap covering the 300 yards in 35.44.

RESULTS: LJ, Linda Spenst (M) 18'8"; SP, Marilyn Banks (A) 42'0"; 2M, Marie Tillman (A) 10:48.56; 1000y, 1-Andrea Fischer (M) 2:37.27, 2-Kathy Stone (A) 2:41.00; 60, 1-Ramona Riley (M) 6.88, 2-Kellee Eubanks (M) 6.98, 3-Patricia Johnson (A) 6.99; 880, 1-Donna Huppler (A) 2:16.20, 2-Andrea Fischer (M) 2:16.32; HJ, Helen Ogar (M) 5-6, (Mary Cragoe, un, cleared 5'10"); 600y, 1-Lynn Biggs (M) 1:25.20, 2-Stephanie Barnett (A) 1:28.72; 60yH, 1-Wanda Harris (A) 7.99, 2-Candace Williams (SEMO) 8.08; 300y, 1-Rosalyn Dunlap (M) 35.44, 2-Ramona Riley (M) 36.69, 3-Candace Williams (SEMO) 37.29; Mile, 1-Jody Rittenhouse (A) 4:59.03, 2-Margaret Smith (M) 4:59.75; 4x220, 1-Missouri (Eubanks-Biggs-Little-Riley) 1:43.88, 2-Arkansas 1:44.52, 3-Southeast Missouri 1:44.75; Scores, 1-Missouri 85, 2-Arkansas 76, 3-Southeast Missouri 15, 4-Southwest Missouri 8.

Greiner Pentathlon Champ

Logan, Utah, February 6:--Cindy Greiner and Mary Harrington staged a real dog fight at the TAC/USA National Indoor Pentathlon Championship and after the five events, both had scored 4047 points. The title, however, went to the Oregon TC performer who topped Harrington in three of the five events. Harrington had the advantage after the 50m hurdles which she ran in 7.57 to 7.60 for Greiner. Greiner came back to annex top honors in the shot 40'2" to 38'10" and in spite of a fine high jump mark of 5'8" by Harrington, continued to lead with a leap of 5'10". Harrington won the long jump at 19'5" to 18'1" and the stage was set for the final event, the 800. Harrington ran 2:24.68 and Greiner 2:23.26 and that was that.

The first six finishers qualified for the US team to meet Canada late in February.

RESULTS: 1-Cindy Greiner (OreTC) 4047, 2-Mary Harrington (Bozeman, Mt) 4047, 3-Sonya Crowther (Albany, Ore) 3913 (7.39-5'8"), 4-Kathy Raugust (Golden Bear TC) 3600, 5-Wendy Limbaugh (Utah St) 3498, 6-Linda Soja (IAN) 3418, 7-Christine Viguie (GBTC) 3318, 8-Esmerelda Tagaban (Idaho St) 3270.

Lady VOL Invitational

Knoxville, Tennessee, January 30:-The home team had no difficulty winning the team title over average opposition in spite of several star performers attending other competitions. Rose Hauch tossed the shot 53'1 for a good mark and Sharrieffa Barksdale scored a double in the hurdles and long jump.

RESULTS: Mile, 1-Kathy Bryant (Tn) 4:52.63, 2-Missy Alston (Un) 5:00.7; 440, Fredrika Wright (Al A&M) 58.65; 880, Linda Portasik (Tn) 2:12.78; SP, 1-Rose Hauch (Tn) 53'1, 2-Denise Wood (KnoxTC) 51'4, 3-Patricia Walsh (Tn) 49'3, 4-Jackie Wallace (Tn) 44'10; 60yH, 1-Sharrieffa Barksdale (Tn) 8.26, 2-Grace Jackson (Al A&M) 8.44; HJ, Grace Jackson (Al A&M) 5'8; 2M, Donna McLain (Tn) 10:46.18; 60y, 1-Paula Hines (Tn) 7.15, 2-Karen Boxley (Fisk) 7.28; LJ, Sherrieffa Barksdale (Tn) 18'11.4; Scores, 1-Tennessee 118, 2-Alabama A&M 76, 3-Middle Tennessee State 41, 4-Morris Brown 26, 5-Fisk 13.

British Championships

Cosford, England, January 29:-Britain staged its National Indoor Championships at Cosford and came up with an outstanding high jump performance, close competition in the hurdles and saw veteran Verona Elder win her eighth title in the 400 meter sprint.

RESULTS: 60m, Wendy Hoyt 7.30; 200, Patten 24.07; 400, 1-Verona Elder 52.77, 2-Linda Forsyth 53.83, 3-Linsey MacDonald 54.6; 800, Julie Asgil 2:09.8; 1500, Janet Marlow 4:20.8; 60mH, 1-Yvette Wray 8.33, 2-Lorna Boothe 8.37, 3-Judy Livermore 8.38, 4-Shirley Strong 8.41; HJ, 1-Ann-Marie Cording 6'3.4, 2-Diana Elliot 6'2; LJ, Kinch 20'0.4; SP, Judy Oakes 54'1.3.

Yale Edges Connecticut

New Haven, Connecticut, February 3:-Melton of Yale won the 55 and 200 meter sprints to lead her team to a close 54-51 triumph over visiting Connecticut in a dual meet.

RESULTS: 55mH, Michaels (C) 8.5; 800, Hollingshead (Y) 2:18.0; 3000, Morton (Y) 10:38.5; 4x200, Connecticut 1:45.4; 55m/200m, Morton (Y) 7.2/25.4; 4x800, Yale 9:38.7.

Drake Open

Des Moines, Iowa, January 30:-Nancy Roeller's 6.82 for the 50y hurdles proved to be the best performance at the Annual Drake Open. Drake and Iowa State gobbled up most of the 1st place finishes.

RESULTS: Mile, 1-Peggy Saracino (Drake) 5:00.3, 2-Letha Davis (Drake) 5:07.6; 3M, 1-Jan Hall (Iowa HS) 16:48.40, 2-Sandy DeNoon (Drake) 16:54.75, 3-Ann Novak (ISU) 17:18.62; 90yH, 1-Nancy Roeller (ISU) 6.82, 2-Julie Kauls (Dr) 6.94, 3-Anna Butler (Drake) 7.12, 4-Cathy Rardin (N.Iowa) 7.19 (7.18h); 50y, 1-Marcie Zall (Drake) 6.19 (6.12h), 2-Damita McClinton (Un) 6.21 (6.18h), 3-Meta Obersteller (Central) 6.23 (6.19h), 4-Jo Ann Jackson (N.Iowa) 6.28; 880, Shiela Wagner (ISU) 2:18.90; 220, 1-Becky Abell (Dr) 27.58, 2-Jo Ann Jackson (N.Iowa) 27.59; 2M, 1-Liz Hjalmarsson (Drake) 10:14.89, 2-Katy Schilly (Un) 10:34.35, 3-Peggy Saracino (Drake) 10:43.79.

Logan All Comers

Logan Utah, February 5:-The third of four indoor All-Comers meets at Utah State saw the return to the track by Wendy Knudson. The 26-year old veteran easily won the 600m run in a good 1:36.7.

RESULTS: SP, Vicki Powell 44'8; 50m, Cheryl Osborne 6.5; 1000m, 1-Kerry Brogan 3:02.7, 2-Vicky Bray 3:02.8; 300m, Cheryl Osborne 40.7; 3000, 1-Noreen Shea 10:12.3, 2-Cindy Wills 10:22.3; 600m, 1-Wendy Knudson 1:36.7, 2-Jennifer James 1:40.3, 3-Cathy Wilson 1:40.6.

Iowa State Easy Winner

Columbia, Missouri, February 7:-In spite of winning five events, host University of Missouri was no match for visiting Iowa State and the Cyclones scored a surprisingly easy victory, 74-47. Lincoln University tallied 16 points for third in the three-way meet.

No real outstanding marks were recorded. Best of the competition was the 6.98 in the 60 by Lincoln's Lisa Davis and the 4:47.89 mile by Missouri's Andrea Fischer.

RESULTS: LJ, Linda Spent (M) 18'10; 60yH, 1-Kelley Mathews (ISU) 8.15, 2-Nancy Roeller (ISU) 8.18; 60y, 1-Lisa Davis (Lin) 6.98, 2-Colleen Hanna (ISU) 6.99; Mile, 1-Andrea Fischer (M) 4:47.89, 2-Margaret Davis (ISU) 4:56.19, 3-Wren Schafer (ISU) 5:00.71; 440, 1-Sumetia Wells (ISU) 57.23, 2-Lisa Davis (L) 57.55, 3-Lynn Biggs (M) 57.83; SP, Connie White (ISU) 43'4.4; 300y, 1-Colleen Hanna (ISU) 37.26, 2-Kelley Mathews (ISU) 37.73; 880, 1-Wren Schafer (ISU) 2:17.79, 2-Sheila Wagner (ISU) 2:18.04; 3M, 1-Margaret Davis (ISU) 16:25.54, 2-Francine Sundoval (ISU) 17:13.19; 4x220, 1-Missouri (Eubanks-Biggs-Little-Riley) 1:42.91, 2-Iowa State 1:44.40; HJ, Helen Ogar (M) 5'8; 4x40, Iowa State 4:02.44.

Oklahoma Track Classic

Oklahoma City, February 6:-Oklahoma and Houston showed off their power as the Sooners hosted the Oklahoma Track Classic. The two schools won every event except the 880 and each produced a double winner. Houston's Carol Lewis won the long jump and hurdles and Oklahoma's Kellie Cathey took top honors in the mile and two mile. Kellie won the longer race by nearly a full minute and her winning time of 9:57.15 placed her #7 on the All-Time USA List and #10 on the World List.

RESULTS: LJ, 1-Carol Lewis (Hst) 21'2.4, 2-Sherifa Sanders (Ok) 19'10.2, 3-Kelly Wenlock (KanSt) 19'7.4, 4-Melba Allen (Hst) 19'0.4; 880, Jana Graves (Tx&M) 2:19.2; 2M, 1-Kellie Cathey (Ok) 9:57.15, 2-Marilee Metheny (Tx&M) 10:50.08; HJ, 1-Jane Clough (Ok) no height, 2-(tie) Sally McCarthy (Ok) and Renee Nickles (Ok) 5'10, 4-Beets Kolaric (KanSt) 5'10; 60yH, 1-Carol Lewis (Hst) 7.90, 2-Jill Redo (TxTC) 8.05, 3-Sherifa Sanders (Ok) 8.10; 60y, 1-Michelle Glover (Hst) 6.85, 2-Darlene Jefferson (Hst) 6.96, 3-Felicia Moore (Ok) 7.03, 4-Tara Mastin (Un) 7.03, 5-Hollie Denny (Tx) 7.13; SP, 1-Cecil Hansen (Ok) 51'7.2, 2-Janice Stucky (KanSt) 46'2, 3-Lisa Ferry (Hst) 45'5.4, 4-Jo Beth Palmer (Tx) 45'5, 5-Carrie Shewgart (Barton Co CC) 45'1; 4x880, 1-Texas (Hansen-Arnold-Walker-Coleman) 9:28.9, 2-Barton County CC 9:51.8; 440, 1-Annette Campbell (Ok) 57.78 (57.68h), 2-Donna Sheffield (Tx) 57.81 (57.80h); Mile, Kellie Cathey (Ok) 4:53.18; 300y, 1-Darlene Jefferson (Hst) 35.22, 2-Felicia Moore (Ok) 36.01, 3-Renee Nickles (Ok) 37.02 (36.42h), 4-Vicki Lewis (Un) 37.35 (36.94h), 5-Novaita Samuels (Tx&M) 37.85 (36.88h); Inv. 880, 1-Stacey Zartler (MetroStr) 2:13.70, 2-Jill Lancaster (Un) 2:15.02, 3-Susan Sheffield (Tx&M) 2:15.64, 4-Tara Arnold (Tx) 2:16.75; 4x440, 1-Houston (Stephen-Clary-Berry-Sutton) 3:50.44, 2-Oklahoma 3:56.91, 3-Texas 3:59.61.

St. Cloud Invitational

St. Cloud, Minnesota, February 5:-Mankato State outscored five other institutions to take top honors at the St. Cloud Invitational. Best race was the 1000m with Mankato's Lori Bearson edging Moorhead State's Gail Grieme by 33/100th.

RESULTS: 4x100m, Moorhead State 51.2; 1500, 1-Leslie Seymour (St.Olaf) 4:44.6, 2-Kathy Schultz (Man) 4:45.2; 55mH, Julie Pankow (Wis/EuClaire) 8.6; 400, Stephanie Farrington (Man) 59.81; 55m, Jeri Domes (Man) 7.31; 200mH, Julie Pankow (Wis/EC) 30.17; 800, Pam Hardy (Moorhead) 2:16.78; 1000m, 1-Lori Bearson (Man) 2:55.55, 2-Gail Grieme (Moorhead) 2:55.88; 200m, 1-Stephanie Farrington (Man) 26.17, 2-Paula Behrendt (Moorhead) 26.90; 3000, Lynn Nelson (Man) 10:04.26; 4x800, 1-Mankato State 9:27.25, 2-Moorhead State 9:34.8; Scores, 1-Mankato State 148, 2-Moorhead State 140, 3-Wis/Eu Claire 81, 4-St. Cloud State 40, 5-St. Olaf 38, 6-Wis/Superior 8.

INDOOR RESULTS

Mason-Dixon Games

Louisville, Kentucky, February 6:-The short races produced the best marks at the Annual Mason-Dixon Games. Stephanie Hightower set an American record when she won the 60m hurdles in 8.05 and Chandra Cheeseborough moved to the number four position on the All-Time US List with her 7.29 clocking while winning her heat in the 60m dash. Cheeseborough later won the final in 7.38. The Tennessee State University Track Club produced two good winning marks in the 4x440 and 4x220.

RESULTS: 60mH, 1-Stephanie Hightower (LAN) 8.05, 2-Candy Young (FD) 8.25, 3-Benita Fitzgerald (Tn) 8.28, 4-Clara Hairston (Auburn) 8.72; Mile, 1-Cindy Bremser (WisUn) 4:41.1, 2-Ann Pewe (MichSt) 4:41.5, 3-Bernadette Madigan (Ky) 4:41.9, 4-Judith Shepherd (Clemson) 4:53.1; LJ, 1-Robin Taylor (Old) 19'8 $\frac{3}{4}$, 2-Gayle Brandon (E.Ill) 19'5, 3-Pat Johnson (Wis) 19'4 $\frac{1}{2}$, 4-Halcyon McKnight (Kan) 19'1 $\frac{1}{2}$; 60m, 1-Chandra Cheeseborough (TSUTC) 7.38 (7.29h), 2-Elaine Jones (MichSt) 7.55, 3-Wanda Fort (TSUTC) 7.59, 4-Deborah Jackson (MHYF) 7.61, 5-Benita Fitzgerald (Tn) 7.74 (7.57h); 4x440, 1-TSUTC 3:43.1, 2-Tennessee 3:51.4, 3-Old Dominion 3:51.8, 4-Illinois 3:53.4; 4x220, 1-TSUTC 1:39.8, 2-Tennessee 1:42.1, 3-Auburn 1:42.2, 4-Old Dominion 1:43.3; HJ, 1-Louise Ritter (PCC) 5'11, 2-Ann Bair (Va) 5'9, 3-Kim Herrell (USMC) 5'9, 4-Grace Jackson (Al A&M) 5'9, 5-Wendy Meyle (Ill) 5'9.

LOBO/NIKE Invitational

Albuquerque, New Mexico, February 6:-Annette Tannander, who served as Susan Anton's double in "Golden Girl", was performing on her own at the Lobo/Nike Invitational and the Colorado star came through with wins in the hurdles and long jump and a third in the high jump with the same height as the winner. Beatrice Reese (UTEP) and Regina Dramiga (NM) had good performances in the 60 and 600.

RESULTS: 60m, 1-Beatrice Reese (UTEP) 7.43, 2-Michelle Matthias (Un) 7.61, 3-Penny Nesmith (Col) 7.92; 300m, 1-Doreen Hayward (UTEP) 40.4, 2-Michelle Matthias (Un) 40.7, 3-Gail Conway (Air Force) 41.3; 800, 1-Margaret Metcalf (Un) 2:18.2, 2-Laureli Mazik (AF) 2:19.5; 60mH, 1-Annette Tannander (Col) 8.82, 2-Colleen Donnelly (AdamsSt) 9.40; 600m, 1-Regina Dramiga (NM) 1:35.1, 2-Gail Conway (AF) 1:36.2, 3-Mary Sedall (AdamsSt) 1:36.9; 1500, 1-Sylvie Velay (NM) 4:39.0, 2-Rita Burr (AF) 4:44.3, 3-Joan Sterrett (NM) 4:45.0; HJ, 1-Anne Skaeveland (UTEP) 5'8, 2-Lisa Greenfield (Col) 5'8, 3-Annette Tannander (Col) 5'8; LJ, Annette Tannander (Col) 19'6 $\frac{1}{2}$; 3000, Mary Jacqua (AdamsSt) 10:09.0; 4x440, Colorado 4:00.2.

UNLV Looks Good

Flagstaff, Arizona, February 6:-Showing great power in the short races, the University of Nevada at Las Vegas dominated the staging of the TFA/USA meet at Northern Arizona's Skydome. Sheila Polk sped to a good 40.71 clocking in the 300m and Lisa Thompson had a fast 6.96 in the 55m. These two joined two teammates to register a very fast 1:38.14 for the 4x200 relay.

RESULTS: HJ, Monique Donithan (NA) 5'9; SP, Kate Burton (Ar) 43'6; 4x200, 1-UNLV (Polk-Thompson-Pinter-Smith) 1:38.14, 2-UNLV "B" 1:42.73, 3-Northern Arizona 1:44.66; 55mH, Valerie Fleming (UNLV) 8.32; 400, Charlotte Reeves (NA) 56.45; LJ, Virginia Avant (Un) 19'2 $\frac{1}{2}$; 55m, 1-Lisa Thompson (UNLV) 6.96, 2-Cheryl Brown (UNLV) 7.13; 300m, Sheila Polk (UNLV) 40.71; 4x400, 1-UNLV (Rinner-Smith-Briscoe-Tompson) 3:48.69, 2-Northern Arizona 4:01.08.

EMU Downs Bowling Green

Ypsilanti, Michigan, February 9:-Winning ten of the twelve events, Eastern Michigan had little difficulty defeating Bowling Green 64-36 in a dual meet. Eastern Michigan's Gina Temprow was a double winner in the hurdles and short sprint while teammate Ingrid Boyce annexed the long jump and 440.

RESULTS: SP, Barb Figgins (BG) 40'3; LJ/440, Ingrid Boyce (EM) 18'5 $\frac{5}{8}$.10; Mile, 1-Cheryl Scheffer (EM) 4:55.70, 2-Laura Murphy (BG) 4:58.1; 300y, 1-Joy Ann Clark (EM) 37.58, 2-Wendy Wumer (BG) 38.09; HJ, 1-Ellie Hayden (EM) 5'6, 2-Lauria Rodgers (EM) 5'6; 4x220, 1-Eastern Michigan (Temprow-Hayden-Boyce-Clarke) 1:42.91, 2-Bowling Green 1:43.94; 60y H, 1-Gina Temprow (EM) 8.24, 2-Dawn Noel (BG) 8.65; 60y, 1-Gina Temprow (EM) 7.0, 2-Joy Ann Clarke (EM) 7.1; 880, Wendy Gusie (EM) 2:18.94; 4x440, Bowling Green 3:59.40.

Kearney Wins Own Invitational

Kearney, Nebraska, February 6:-Kearney State was a rude host for their Annual Kearney State Invitational as they scored 220 $\frac{1}{2}$ points to far outdistance the other five competing institutions. Wayne State was closest to Kearney with 85 $\frac{1}{2}$ digits, 15 of which were contributed by triple winner Kelly Peterson. Peterson won the 60y dash, the 60y hurdles and the 220y hurdles.

RESULTS: SP, 1-Becky Edgren (KS) 43'1 $\frac{1}{2}$, 2-Tracy Newberger (WS) 39'11 $\frac{1}{2}$; HJ, Donna Kuhlengel (KS) 5'4; 60H/60/220H, Kelly Peterson (WS) 8.4/7.4/30.1; 4x880, Midland 9:37.8; Scores, 1-Kearney State 220 $\frac{1}{2}$, 2-Wayne State 85 $\frac{1}{2}$, 3-Hastings 38, 4-Concordia 29, 5-Chadron 26, 6-Midland 10.

George Mason Wins Three

Annapolis, Maryland, February 5:-George Mason University outscored three opponents in a four-way meeting as they won ten events. In true military style, the Navy issued results with last names only.

RESULTS: SP, Christie (GM) 39'1; 55m, Barnes (GM) 7.2; 400, 1-Funn (GM) 56.1, 2-Galloway (UMES) 56.5; 3000, Ryan (GM) 10:22.1; 600m, 1-Edwards (GM) 1:37.4, 2-Tyes (UMES) 1:38.3, 3-Green (N) 1:38.9; 4x440, UMES 4:02.1; 4x880, George Mason 10:06.0; 4x200, UMES 1:44.0; Scores, 1-George Mason 107 $\frac{1}{2}$, 2-Navy 53, 3-UMES 34 $\frac{1}{2}$, 4-CCB 9.

Connecticut Whips Tufts

Storrs, Connecticut, February 6:-Connecticut had no trouble downing Tufts 83-17 in a dual meet at Storrs. Sheila McCabe was a double winner for Connecticut with wins in the 50 and 300 sprints.

RESULTS: HJ, Deanna Michaels (C) 5'6; 4x220, Connecticut 1:48.7; 50yH, Sibbison (T) 7.0, 2-Deanna Michaels (C) 7.1; 50y/300y, Sheila McCabe (C) 6.2/38.3.

Greater Baltimore Championships

Towson, Maryland, February 10:-Morgan State University edged host Towson 51-44 to win the 10th Annual Greater Baltimore Indoor T&F Championship. Morgan Stater Kim Whitehead scored a double win in the hurdles and 880 and Morgan State long jumper Evalyn Hatcher surprised with a win in the mile (5:24.4) and a third in the high jump (4'6).

RESULTS: 60yH/880, Kim Whitehead (MS) 8.2/2:25.7; 60y, 1-Janet Dodson (MS) 7.2, 2-Diane Dixon (MS) 7.2; 440, Diane Dixon (MS) 58.3; HJ, Gail Scribner (Towson) 5'6; Scores, 1-Morgan State 51, 2-Towson State 44, 3-UMBC 1, 4-Johns Hopkins 0.

Virginia Runs Wild at Princeton

Princeton, New Jersey, February 8:--Dennis Craddock turned his troops loose in this little New Jersey town and they completely dominated the Annual Princeton Women's Relays. In their revolting display of power, the Cavaliers succeeded in establishing a new world best for the distance medley, win the 4x440 relay, win the 4x880 relay and place 1-2-3-4-5 in the two mile run. Princeton surprised with a couple of relay wins, but the spotlight was on Virginia.

The distance medley record fell to Lisa Welch (2:11.0), Lisa Garrett (55.4), Lesley Welch (3:23.8) and Jill Haworth (4:49.19) for an elapsed time of 11:19.39. The old record, also set by Virginia, was 11:26.80 set at last year's AIAW Championships. Richmond's Jo White scurried to a 4:41.8 mile for her team, but she could bring them no better than third.

In the two mile, the Virginia troops captured the first 5 places with the fifth placer clocking 10:27.03.

Elaine Sobansky, Penn State, won a good duel with Nini Davis in the shot, 53'6½ to 51'5½.

RESULTS: HS DMed, 1-State College HS, Pa 12:07.2, 2-North Hunterdon 12:22.6; HS 4x440, Simon Gratz HS 3:56.8; DMed, 1-Virginia (Li.Welch-Garrett-Le.Welch-Hawroth) 11:19.39, 2-Penn State 11:32.96, 3-Richmond 11:37.53, 4-Penn State "B" 11:48.84, 5-Georgia 11:49.10; 4x880, 1-Virginia 9:02.28, 2-Penn State 9:06.0, 3-Villarova 9:07.2, 4-Rutgers 9:14.33, 5-Richmond 9:14.4; 55m, 1-Janet Dodson (MorgSt) 7.08, 2-Parsons (MorgSt) 7.12; SP, 1-Elaine Sobansky (Penn St) 53'6½, 2-Nini Davis (St Johns) 51'5½, 3-Sharon Mitnik (Temple) 48'3½, 4-Nancy Senz (PennSt) 45'3; LJ, 1-Evalyn Hatcher (MorgSt) 19'9, 2-Vivian Riddick (Ga) 19'5½; 4x220, 1-Morgan State (Parsons-Dodson-Page-Whitehead) 1:40.24, 2-Georgia 1:43.01, 3-NY Tech 1:43.90; 2M, 1-Aileen O'Connor (Va) 10:06.21, 2-Lesley Welch (Va) 10:09.82, 3-Martha White (Va) 10:15.27, 4-Marisa Schmitt (Va) 10:26.29, 5-Mary Jean Wright (Va) 10:27.03, 6-O'Connor (RhodeIs) 10:43.67; HJ, 1-Thea Ackerman (MtStM) 5'10, 2-Peggy Stewart (Vil) 5'10; 4x440, 1-Virginia (Bryant 58.6-Hatchett 58.8-Hatchett 56.4-Garrett 57.1) 3:51.00, 2-Rutgers 3:51.08, 3-Morgan State 3:51.14, 4-Princeton 3:52.24, 5-Temple 3:52.83; 4x55mH, Princeton (Wingard-Chang-Zywicki-Anderson) 32.9; SPMed, Princeton (Newman 57.3-Bennett 25.9-Salisbury 26.7-Egbonu 2:14.42) 4:04.32.



University of Virginia freshmen Lesley (331) and Lisa (330) Welch teamed with Lisa Garrett and Jill Haworth for a new world best in the distance medley relay at the Princeton Relays. (Jeff Johnson photo).

Golden Track Shoe Invitational

Madison, Wisconsin, February 6:--Wisconsin won the Annual Golden Track Shoe Invitational over five opponents in one of those meets in which scores are rather high. The Badgers tallied 22118 points to 20246 for runner-up Illinois State and a few thousand digits for the other teams.

Sue Spalholz, Wisconsin, had a good meet with a new record in the 800 (2:08.59) and then joining teammates for a fast 4x880 clocking of 8:59.34.

RESULTS: 4x220, 1-Wisconsin (Winski-Ludden-Johnson-Jones) 1:44.78, 2-Minnesota 1:46.15, 3-Illinois State 1:47.14; 5000, 1-Cheryl Konkol (Wis/Mil) 16:49.62, 2-Katie Webb (Marq) 17:10.91; LJ, Tracy Hopkins (IllSt) 19'4; 60mH, 1-Lisa Hansen (Un) 8.94, 2-Crystal Jones (Wis) 9.09; 1500, 1-Rose Thomson (Wis) 4:30.0, 2-Cathy Branta (Wis) 4:30.3, 3-Wendy Van Mierlow (IllSt) 4:34.00, 4-Cindy Dickinson (Mn) 4:35.00; 400, 1-Mary Mulrooney (Wis) 57.89, 2-Jane Mettke (Mn) 58.07; SP, 1-Karen Nitsch (Wis) 44'7, 2-Fay Farrar (Mn) 44'0; 60m, 1-Judy Winski (Wis) 7.69, 2-Jessica Harris (IllSt) 7.86, 3-Crystal Jones (Wis) 7.90, 4-Wendy Thompson (Marq) 7.92; 600m, 1-Cathy Hall (UCTC) 1:32.39, 2-Sue Beischel (Wis) 1:34.32, 3-Robin Jackson (WisUn) 1:35.09, 4-Nancy Winter (Wis) 1:37.09; 800, 1-Sue Spalholz (Wis) 2:08.59, 2-Denise Lores (IllSt) 2:15.29; 3000m, 1-Jessica Harris (IllSt) 41.74, 2-Judy Harju (Mn) 42.39; 3000, 1-Wendy VanMierlo (IllSt) 9:35.99, 2-Cathy Branta (Wis) 10:08.41; 4x880, 1-Wisconsin (Beischel-Thomson-Mulrooney-Spalholz) 8:59.34, 2-Minnesota 9:24.20; 4x440, Minnesota (Peterson-Rens-Jagodzinski-Anderson) 4:01.12; Scores, 1-Wisconsin 22118, 2-Illinois State 20246, 3-Minnesota 19878, 4-Marquette 13160, 5-UW/Milwaukee 7637, 6-Wisconsin United 4727.

Syracuse Nips Cornell

Syracuse, New York, February 5:--In spite of a double win by Cornell's Doriane Lambelet-McClive in the 600m (1:29.8) and 1000m (2:54.8), Syracuse was able to win the dual meet over the Rams 50-41. Cornell could have tied the meet by winning the last event, the 4x800, but Syracuse ran away with an 8-second victory.

Sharon Daniels led the Orangewomen with wins in the two jumps.

RESULTS: 600m, 1-Doriane Lambelet-McClive (C) 1:29.8, 2-Terri Edgerly (S) 1:38.0; 50m, 1-Lisa George (S) 6.5, 2-Trina Russell (C) 6.9; HJ/LJ, Sharon Daniels (S) 5'2½/18'1; 4x800, 1-Syracuse (Crain-Sothers-Gallimore-Edgerly) 9:28.9, 2-Cornell 9:37.0.

Greater Boston Championships

Cambridge, Massachusetts, February 5:--Boston University's Julie White won three events and her teammates won five more, but it was to no avail as Harvard took the team title at the Greater Boston Championships. The Harvard crew won only four events, but had too much depth for the Terriers and scored 82½ points to 81 for Boston University.

White took top honors in the high jump, long jump and 55m hurdles. Teammate Shelley Butler won both sprint races and Boston won two of the three relays in their losing cause.

Sandy Burke, Northeastern, had a good 51'11¼ toss in the shot and Harvard's Darlene Beckford a fine 4:29.5 in the 1500.

RESULTS: HJ/LJ/55mH, Julie White (BU) 5'7/18'4½/8.3; SP, 1-Sandy Burke (NE) 51'11¼, 2-Kim Johnson (H) 42'11¼; 400, Jeremy Edmonds (BU) 57.0; 1500, 1-Darlene Beckford (H) 4:29.5, 2-Mary Herlihy (H) 4:35.8, 3-Mary Jeanne Barrett (H) 4:38.8; 5000, 1-Alyssa Terry (BU) 17:42.4, 2-Kathy Good (H) 17:51.2, 3-Wiley McCarthy (H) 17:53.4; 55m/200, Shelley Butler (BU) 7.2/25.8; 800, 1-Grace deFries (H) 2:15.4, 2-Kathy French (NE) 2:16.8; 3000, 1-Paula Newnham (H) 9:45.2, 2-Kathy Boyle (BU) 9:46.5; 4x220/4x440, Boston University 1:43.7/3:58.8; 4x880, 1-Harvard 9:24.4, 2-Boston University 9:34.5; Scores, 1-Harvard 82½, 2-Boston University 81, 3-Boston College 38½, 4-Northeastern 26, 5-Tufts 5, 6-Brandeis 0.

INDOOR RESULTS

Boise State Wins

Bozeman, Montana, February 5:-Boise State scored a 53-33 win over Montana State in a dual meet. Best mark of the competition was Carol Halland's 45'0" in the shot.

RESULTS: 55m, Debbie Florke (BS) 7.2; 1500, Andrea Wilson (BS) 4:48.0; SP, 1-Carol Halland (MS) 45'0", 2-Sandy Johnson (BS) 43'7"; 400, Paula Payne (MS) 59.0; 55mH, Susy Turner (BS) 8.1; 800, Kathy Chase-Close (MS) 2:21.7; HJ, Kim Carroll (BS) 5'6".

St. John's Upset Winner

Storrs, Connecticut, February 13:-St. John's scored a mild upset when they won a four-way competition on the University of Connecticut campus. The Jamaica crew scored 66 points to 53 for Boston University, 49 for Connecticut and 25 for New Hampshire.

Boston's Jeremy Edmonds turned in the best mark as he covered 600 meters in 1:35.7 with the first five finishers turning in good performances. Teammate Julie White, a six-foot plus high jumper, confined her activities to winning the hurdles and tossing the shot. St. John's won six of the 14 events with Nini Davis having an easy time in the shot at 48'9" and the 4x880 relay team running a good 9:32.0.

RESULTS: SP, Nini Davis (SJ) 48'9"; 1500, Eumont (SJ) 4:38.1, 2-Kathy Boyle (C) 4:38.6; 55mH, Julie White (B) 8.2; 600m, 1-Jeremy Edmonds (B) 1:35.7, 2-Davis (SJ) 1:36.2, 3-Annemarie Kostalick (C) 1:36.8, 4-Collins (NH) 1:37.8, 5-Sonia Hart (B) 1:38.7; 55m, 1-Sheila McCabe (C) 7.1, 2-Hayes (SJ) 7.2; HJ, Holley (SJ) 5'6"; 300m, 1-Kinga Kovacs (B) 41.6, 2-Vicki Little (C) 41.7, 3-Tamara Lanier (C) 41.7; 3000, Dunn (NH) 10:02.0; 4x880, 1-St. John's 9:32.0, 2-Connecticut 9:41.9.

Valentine Classic

Greeley, Colorado, February 13:-Colorado State's Konnie Mackey ran all over the place to score two individual wins, romp a leg on two winning relays and annex a runner-up spot in the short dash - to no avail for the University of Northern Colorado won the meet with 102 points, six digits more than Colorado State. The winners took advantage of points picked up for first in the "Mystery Relay", a four lap event which required the carrying of eggs, but Colorado State evened things by winning the "Throwers Relay" with each behemoth scurrying a half lap. Best mark of the competition came from Yvonne Taylor of little-known University of Southern Colorado who had a fine 6.19 in winning the 50y dash.

RESULTS: HJ, Tammy McDonald (NCol) 5'4"; SP, Sarah Albers (NCol) 43'0"; 50yH/220yH, Konnie Mackey (ColSt) 6.9/29.23; 50y, 1-Yvonne Taylor (SCol) 6.19, 2-Konnie Mackey (ColSt) 6.31; Scores, 1-Northern Colorado 102, 2-Colorado State 96, 3-Chadron State 20, 4-Colorado College 11, 5-Southern Colorado 9.

Army Wins One

West Point, New York, February 12:-Too much depth by the Army was the complaint of visiting LaSalle, Queens and Stony Brook as the Cadets won a four-way competition with 81½ points. LaSalle was next with 57 followed by Queens with 48 and Stony Brook with 12. Judith Allen was a double winner for Queens with victories in the 800 and 1500.

RESULTS: SP, Lilla Sexton (SB) 42'6"; 55m, Lenora Harris (IS) 7.3; 600m, Mary List (A) 1:41.0; HJ, Theresa Southworth (A) 5'4"; 300m, 1-Michelle Walla (A) 40.3, 2-Lenora Harris (LS) 40.9; 800/1500, Judith Allen (Q) 2:22.0/4:50.



Is this the nation's best sprint team? At the Husker Invitational, these six captured 1-2-3-4 in the 300, 1-2-3 in the 60 and first in the 600. Starting at the top row, the runners are: Alicia McQueen, Merlene Ottey and Debra James, (bottom row), Janet Burke, Jennie Gorham and Marcia Tate.

World 300 Record to Ottey

Lincoln, Nebraska, February 13:-For the second time this indoor season, Nebraska's Merlene Ottey has bettered the world record for 300 yards. This time she cut the mark down to a scintillating 32.75, nearly three seconds in front of runner-up Janet Burke. Nebraska showed its tremendous power in the sprints by finishing 1-2-3-4 in the 300 and 1-2-3 in the 60.

Another Nebraskan, Marcia Tate, toured the 600 yards in 1:20.79 and moved to the number 4 position on the All-Time USA List and #9 on the All-Time World List.

Good competition in the shot made that event an outstanding one. Denise Wood upset Rose Hauch to take the victory with a toss of 53'10" to 53'3". The first six all qualified for the Nationals and the next three were all over 45 feet.

Tennessee's Benita Fitzgerald was an upset loser in the 60y hurdles with Nebraska's Rhonda Blandford winning the final in 7.9 after Fitzgerald had sped to a 7.7 time in her heat.

There was some good running in the 4x880, but unfortunately one of the officials couldn't count and the race ended one lap too soon with Wisconsin registering a speedy 8:18.71 for the 1 7/8 miles.

RESULTS: 600y, 1-Marcia Tate (Nb) 1:20.79, 2-Sue Spaltholz (Wis) 1:22.23, 3-Kay Stormo (Iowa) 1:22.49, 4-Wanda Hartso (Nb) 1:25.90; 300y, 1-Merlene Ottey (Nb) 32.75, 2-Janet Burke (Nb) 35.15, 3-Alicia McQueen (Nb) 35.25, 4-Jennie Gorham (Nb) 36.00, 5-Cheryl Osborne (Un) 36.30, 6-Judy Winski (Wis) 37.47; 60yH, 1-Rhonda Blandford (Nb) 7.9, 2-Kathy Borgwarth (Wis) 7.9, 3-Benita Fitzgerald (Tn) 7.9, 4-Kelley Matthews (IowaSt) 8.0, 5-Cheryl Zagic (Nb) 8.0, 6-Nancy Roeller (IowaSt) 8.1; 2M, 1-Kathy Bryant (Tn) 10:03.51, 2-Nan Doak (Iowa) 10:17.98, 3-Margaret Davis (IowaSt) 10:25.04, 4-Jenny Spangler (Iowa) 10:27.25, 5-Aulikki Kononoff (BYU) 10:37.8, 6-Catherine Hunter (IowaSt) 10:42.46; 1000y, 1-Wren Schaefer (IowaSt) 2:37.3, 2-Jenny Haden (Iowa) 2:38.3, 3-Karen Alexander (BYU) 2:38.7, 4-Mary Mulrooney (Wis) 2:40.0, 5-Anne Johnston (Wis) 2:40.8; 4x440, 1-Nebraska (Gorham-Pugh-Ottey-Tate) 3:45.86, 2-Iowa State 3:57.06; 1 7/8 Mile Relay, 1-Wisconsin Thomson-Brunner-Beischel-Spaltholz) 8:18.71, 2-Nebraska 8:22.01; LJ, Pat Johnson (Wis) 20'4"; HJ, 1-Maria Bettioli (BYU) 5'10, 2-Mary Mol (Iowa) 5'8"; 3-Sharon Burrill (Nb) 5'8"; DisMed, 1-BYU (Aisling-Jones-Neeley-Crossdale) 11:26.14; 2-Wisconsin 11:29.31, 3-Iowa 11:29.54, 4-Missouri 11:32.75, 5-Iowa State 11:34.24, 6-Utah State 12:19.59; SP, 1-Denise Wood (KnoxTC) 53'10", 2-Rose Hauch (Tn) 53'3", 3-Julie Jones (BYU) 49'9", 4-Pat Walsh (Tn) 48'11", 5-Lisa Ferry (Hst) 47'11", 6-Robin Small (Nb) 47'0"; Mile, 1-Rose Thomson (Wis) 4:52.92, 2-Catherine Hunter (IowaSt) 4:53.20; 60y, 1-Janet Burke (Nb) 6.89, 2-Alicia McQueen (Nb) 6.94, 3-Deborah James (Nb) 7.07, 4-Dana DeVan (UtSt) 7.23 (7.19h). Non-scoring meet.

Delaware Open

Newark, Delaware, February 14:-Penn State was the winningest team at the Delaware Open with four first place finishes, but top performance went to Maryland's Marita Walton with a throw of 53'1½ to whip Elaine Sobansky (Penn St) who had a good mark of 52'5. Other good marks were 4:47.4 in the mile by Patty Murnane (Penn St) and Evaline Hatcher (Morgan St) with 20'0½ in the long jump.

RESULTS: 2M, 1-Heather Carmichael (PennSt) 10.20.9, 2-Paula Renzi (PennSt) 10:31.7, 3-Jean Whiston (Md) 10:32.8, 4-Mary Walsh (Md) 10:54.1; 880, 1-Jennifer Whitfield (Vil) 2:12.2, 2-Terry Pioli (PennSt) 2:12.2, 3-Patty Bradley (Vil) 2:12.3, 4-Doreen Startare (PennSt) 2:13.0; 4x220, 1-Old Dominion (Wright-Daniels-Taylor-Washington) 1:41.8, 2-Temple 1:43.4; HJ, Peggy Stewart (Vil) 5'10; SP, 1-Marita Walton (Md) 53'1½, 2-Elaine Sobansky (PennSt) 52'5, 3-Sharon Mitnik (Tem) 47'3¼, 4-Marilyn Senz (PennSt) 46'2½; Mile, 1-Patty Murnane (PennSt) 4:47.4, 2-Carolyn Ihrig (PennSt) 4:51.5; 440, 1-Dana Wright (OD) 57.0, 2-Tammy Hart (PennSt) 57.0, 3-Pat Lee (Tem) 57.4; 60yH, 1-Stephanie Weeks (PennSt) 8.2, 2-Glenda Truesdale (Tem) 8.2; 60y, 1-Vivian Riddick (PennSt) 7.0, 2-Carol Gallonay (UMES) 7.1; DMed, 1-Georgetown (Willis-Sincero-Small-Palladino) 11:51.2, 2-Penn State 12:07.4, 3-West Chester State 12:10.5, 4-Temple 12:24.2; 4x440, 1-Villanova (McIntosh-Whitfield-Berardi-Bradley) 3:51.6, 2-Delaware State 3:53.6, 3-Penn State 3:54.1; LJ, 1-Evaline Hatcher (MorgSt) 20'0½, 2-Vivian Riddick (PennSt) 19'9, 3-Tamela Penny (Md) 18'10½.



Maryland's Marita Walton won the shot at the Delaware Open with a good throw of 53'1½. (Jeff Johnson photo)

Missouri - Who Else? - Wins Mule Relays

Warrensburg, Missouri, February 13:-Missouri outscored 11 other schools to capture the team title at the Central Missouri State University Mule Relays. The meet failed to produce any outstanding performances but Missouri's Ramona Riley scored a good double in the 60y (6.99) and 300y (37.41) dashes.

RESULTS: SP, Hyder (Mo) 43'1; 4x880, NE Missouri State 9:56.82; HJ, Helen Ogar (Mo) 5'8; 60yH, Moore (NE Mo St) 8.33; Scores, 1-Missouri 119, 2-NE Missouri State 88, 3-SW Missouri State 56, 4-Central Missouri 53, 5-Lincoln University 50, 6-(Tie) NW Missouri State and NE Oklahoma 15, 8-Pittsburg State 14, 9-Flo Valley CC 10, 10-Kansas City CC 6, 11-Butler County CC 4, 12-Park College 2.

Kansas Wins Two

Lawrence, Kansas, February 14:-Displaying good depth, the University of Kansas outscored two opponents in a triangular meet held in Allen Field House. The Jayhawks tallied 60½ points to 51½ for Arkansas and 18 for Oklahoma State. Arkansas' Wanda Harris was a double winner with firsts in the 60 and long jump plus a third in the 60y hurdles. The home team won the meet when they were first in the mile relay and Arkansas slipped to third.

RESULTS: 2M, Maria Tilman (A) 10:44.82; 1000y, 1-Jodi Rittenhouse (A) 2:38.96, 2-Ann Bucher-Johannessen (Un) 2:40.26, 3-Gretchen Bajema (K) 2:40.40; SP, Stine Lerdahl (K) 48'10½; 60y, 1-Wanda Harris (A) 6.80, 2-Dora Spearmon (K) 7.04, 3-Gloria Russell (A) 7.04; 600y, 1-Nancy McCullough (K) 1:26.22, 2-Jane Patton (OS) 1:29.51, 3-Cindy Cox (K) 1:29.65; HJ, Bev Mortimer (K) 5'7; 440, 1-Lorna Tucker (K) 56.59, 2-Tudie McKnight (K) 57.74; 300y, 1-Dora Spearmon (K) 36.01, 2-Renee Robinson (OS) 38.65; 60yH, 1-Donna Smitherman (K) 7.96, 2-Marilyn Banks (A) 8.01, 3-Wanda Harris (A) 8.25; 880, 1-Kelly Wood (K) 2:18.46, 2-Karen Godberlet (A) 2:20.40; LJ, 1-Wanda Harris (A) 19'2, 2-Tudie McKnight (K) 18'11¼; 4x440, Kansas 3:58.19.

Britain Downs Holland

Cosford, England, February 10:-Winning every event except the 800 and scoring 1-2 in six events, Great Britain easily defeated Holland 65-34 in a dual match. There were no outstanding marks. In an Invitational non-scoring 200m, Dutchwoman Els Vader took first in a good 23.83.

RESULTS: 60m, Wendy Hoyte (GB) 7.38; 400, Verona Elder (GB) 53.7; 800, 1-Elly Van Hulst (H) 2:05.26, 2-Janet Marlow (GB) 2:06.0; 1500, Carole Bradford (GB) 4:19.81; 3000, 1-Paula Fudge (GB) 9:11.58, 2-Carla Beurskens (H) 9:22.2; 60mH, 1-Yvette Wray (GB) 8.37, 2-Lorna Boothe (GB) 8.40; HJ, 1-Ann-Marie Cording (GB) 6'1¼, 2-Diana Elliott (GB) 6'0; LJ, Bev Kinch (GB) 20'5½; SP, Helen Hounsell (GB) 49'1.

Kansas State the Winner

Manhattan, Kansas, February 13:-Kansas State scored a good win over three opponents in a quadrangular affair in Ahearn Fieldhouse. The Wildcats won with 47 points to 44½ by Colorado, 29 by North Texas State and 19½ by Wichita State.

Busiest of the Wildcats was Kelly Wenlock who took the long jump over AIAW outdoor champ Donna Thomas with a fine leap of 20'2. Wenlock also picked up a tie for second in the short sprint and a fourth in the 300.

Colorado's Annette Tannander, performing better than ever, copped the high jump at 5'10, was second in the hurdles and third in the long jump for a busy evening. Kansas State's Deb Pihl got into the multiple-event act by winning the 600 and 1000. North Texas' Ella Smith had a fast 36.0 for 300 yards to edge Wichita's Nina Thompson who managed the same time.

RESULTS: HJ, Annette Tannander (Col) 5'10; LJ, 1-Kelly Wenlock (KS) 20'2, 2-Donna Thomas (NT) 20'0½, 3-Annette Tannander (Col) 19'8½; Mile, Nancy Rogowski (Col) 4:58.3; 60yH, 1-Peggy Hopkins (KS) 8.0, 2-Annette Tannander (Col) 8.0, 3-Donna Thomas (NTS) 8.1; 440, Laura Novell (Col) 58.9; 600y, 1-Deb Pihl (KS) 1:27.3, 2-Nina Bell (Col) 1:28.6; 60y, 1-Sharon McDonald (NTS) 6.9, 2-(Tie) Kelly Wenlock (KS) and Nina Thompson (WS) 7.1; SP, Janice Stucky (KS) 44'9½; 880, Jo Ann Dohanich (NTS) 2:18.9; 1000y, 1-Deb Pihl (KS) 2:34.0, 2-Lisha Tenney (WS) 2:41.3; 300y, 1-Ella Smith (NTS) 36.0, 2-Nina Thompson (WS) 36.0, 3-Sharon McDonald (NTS) 36.1, 4-Kelly Wenlock (KS) 36.5; 2M, Kathy McCray (Col) 11:03.9; 4x440, Colorado (Cope-Taylor-Novell-Nesmith) 3:57.3.

INDOOR RESULTS

Illini Invitational

Champaign, Illinois, February 12/13:-Surprising Eastern Illinois University won the most events at the Illini Invitational to claim top honors over such "big" names as Kentucky, Drake, Ohio State and host Illinois in this non-scoring meet.

The Panthers took top honors in the 4x1 lap relay, the 60 yard dash, the long jump and the high jump. Drake won three events with good marks as they took the distance medley in 11:57.34, Marie Simonsson won the 1000y in 2:33.50 and Liz Hjalmarsson won the two mile in 10:14.2. Indiana had three wins also and was proudest of the shot put mark of 49' 3". Kentucky's Kathy Klaehn had a good 7.91 clocking for the 60y hurdles and Ohio State's Donithy Jones led a fast field through 300 yards in 35.39.

RESULTS: DisMed, 1-Drake (Butler-S.Davis-Parks-L.Davis) 11:57.34, 2-Western Illinois 12:00.33, 3-Illinois 12:28.15; 4-Illinois State 12:29.10; 4x1 lap, Eastern Illinois (Brown-Brandon-Greathouse-Stephens) 2:03.4; 60y, 1-Sonya Brown (E.Ill) 7.07, 2-Reba Jackson (Ind) 7.08, 3-Becky Kaiser (Ill) 7.12, 4-Sandy Harris (SW Mich) 7.19; 60yH, 1-Kathy Klaehn (Ky) 7.91, 2-Antoinette Jackson (Ohio St) 8.15, 3-Judy Thomas (Ky) 8.15; 2M, 1-Liz Hjalmarsson (Dr) 10:14.2, 2-Chris Reid (W.Ill) 10:26.4, 3-Johanna Reid (In) 10:28.2, 4-Marianne Dickerson (Ill) 10:29.1, 5-Letha Davis (Drake) 10:36.5, 6-Patty Housworth (S.Ill) 10:39.1, 7-Gina Sperry (E.Ill) 10:43.8; 4x40, 1-Indiana 3:49.85, 2-Ohio State 3:51.10, 3-Illinois 3:51.27, 4-Indiana State 3:53.17; LJ, 1-Gayle Brandon (E.Ill) 19'9", 2-Trich Eiting (Ind) 18'11"; SP, 1-Annette Bohach (Ind) 49'3", 2-Nadine Cox (OhioSt) 46'11", 3-Rhea Rogers (Ill) 43'5"; HJ, 1-Barbara Hines (E.Ill) 5'8", 2-Lisa Plummer (Ill) 5'7"; 1000y, 1-Marie Simonsson (Drake) 2:33.50, 2-Mary Claire Stoner (OhioSt) 2:40.86, 3-Michaela Cavanaugh (IndSt) 2:41.07; Mile, 1-Wendy Van Mierlo (IllSt) 4:53.1, 2-VeeGee Elsen (Ill) 4:57.3; 300y, 1-Donithy Jones (OhioSt) 35.39, 2-Beverly Kearney (Un) 35.72, 3-Gail Stephens (E.Ill) 35.94, 4-Darcel Church (IndSt) 35.98, 5-Rolanda Conda (Ill) 36.21, 6-Deborah Ross (Drake) 36.43, 7-Teresa Sanders (IndSt) 36.63, 8-Patty Healey (Iowa) 36.85; 600y, 1-Gretchen Grier (Ill) 1:21.8, 2-Marian Kidd (IndSt) 1:22.3, 3-Barb Ennis (Ind) 1:23.9, 4-Sheila Montgomery (Ind) 1:25.3; Pent, 1-Carla Battaglia (Ind) 3579 (9.17-32'5"-5'3"-17'11"-2:33.8), 2-Amy Kopko (Ill) 3537, 3-Chris Singer (IndSt) 3430, 4-Mary Swenson (E.Ill) 3407.

WR for Reinstra and Waitz

Ottawa, Canada, February 13:-The world best in the indoor high jump was boosted once again in this 1982 season. This time by former Arizona State jumper, Coleen Reinstra who became the first female to leap over the two meter mark under the roof. Reinstra, now jumping for Wilt's AC, defeated Debbie Brill who set the record just a week previously. Brill could manage "only" 6'2" this time.

Grete Waitz, who has difficulties with indoor officials, found another reason to complain in Ottawa as she was forced to spin an extra lap in the 3000 meter run. Fortunately, three timers had stopped their watches at the regular finish line and Grete came up with a new world best of 8:55.5, mote than a second faster than her old mark.

Oregon's Leann Warren won a fairly swift 800 in 2:05.8 and Cindy Bremser took the 1500 in 4:20.7.

RESULTS: 1500, 1-Cindy Bremser (WisUn) 4:20.7, 2-Jan Merrill (AGAA) 4:21.2, 3-Francie Larriue (NBFC) 4:22.2, 4-Jo White (Richmond) 4:27.0, 5-Pat Walker (Penn St) 4:34.6; 800, 1-Leann Warren (Ore) 2:05.8, 2-Francine Gendron (Can) 2:07.6, 3-Debbie Campbell (Can) 2:08.2, 4-Brit McRoberts (Can) 2:08.4, 5-Maggie Keyes (AW) 2:11.0; HJ, 1-Coleen Reinstra (WAC) 6'6", 2-Debbie Brill (PCC) 6'2", 3-Joni Huntley (PCC) 6'0", 4-Susanne Lorentzen (Swe) 5'11"; 3000, 1-Grete Waitz (Nor) 8:55.5, 2-Bev Bush (Can) nt, 3-Sue Franch (Can) nt, 4-Debbie Pavik (PennSt) nt.

West German Championships

Dortmund, West Germany, February 12/13:-Sabine Everts and Heidi-Elke Gaugel were double winners at the Germany Indoor Championships. Gaugel won the two sprints and Everts took top honors in the long jump and hurdles. Everts also sped a leg on the winning 4x200 relay team and picked up a fourth in the 60m dash.

RESULTS: 60m, Heidi-Elke Gaugel 7.28; 200, 1-Heidi-Elke Gaugel 23.17, 2-Claudia Steger 23.64, 3-Ulrike Sommer 24.07; 400, 1-Gabi Bussman 52.09, 2-Mary Wagner 53.10, 3-Elke Decker 53.55; 4x200, 1-LAV Dusseldorf (Everts-Griesevon Wege-Feller) 1:35.05, 2-Bayer Leverkusen 1:35.14; 800, 1-Petra Kleinbrahm 2:02.71, 2-Simone Bungener 2:07.73, 3-Britte Bruckner 2:02.92; 1500, 1-Brigitte Klaus 4:12.19, 2-Gudrun Schulz 4:19.74, 3-Christina Mai 4:19.93; 60mH, 1-Sabine Everts 8.21, 2-Doris Baum 8.25; HJ, 1-Andrea Breder 6'1", 2-Anne Heitmann 6'0", LJ, 1-Sabine Everts 21'11", 2-Karin Hanel 21'8", 3-Anke Weigt 21'2"; SP, 1-Jutta Weide 53'1", 2-Birgit Petsch 52'8".

Steuk 1:58.4 at DDR Championships

Senftenberg, East Germany, February 13/14:-Martina Steuk equaled the world best for 800 meters with her hand timed mark of 1:58.4 at the DDR Championships. Steuk's time was the same as Olga Vakrusheva of the Soviet Union which was made in 1980. Marlies Gohr, apparently over her achilles problems, won the 60m and 100y dashes in good times.

RESULTS: 60m, 1-Marlies Gohr 7.18, 2-Gesine Walther 7.24; 3000, Riemann 9:21.8; 60mH, 1-Knabe 7.97, 2-Rielstahl 8.20; LJ, 1-Voigt 21'6", 2-Daute 21'6"; 400, 1-Rubsam 52.10, 2-Bremer 52.48, 3-Uibel 52.65, 4-Busch 52.78; 800, Martina Steuk 1:58.4, 2-Hubner 2:01.1, 3-Gigel 2:02.6, 4-Preiss 2:03.9; SP, 1-Schmuhl 64'6", 2-Pufe 64'1", 3-Schulze 63'5"; 1500, Liebich 4:08.6; HJ, 1-Dedner 6'4", 2-Bienias 6'2"; 100y, 1-Marlies Gohr 10.34, 2-Schozel 10.57, 3-Gesine Walther 10.59.

West Chester Defeats Bucknell

Lewisburg, Pennsylvania, February 13:-West Chester State had no trouble downing Bucknell in a dual meet 72-42.

RESULTS: 4x220, West Chester (Hayes-Parziale-Libbey-Burns) 1:48.7; 3M, Lisa Young (WC) 17:25.5; 60y, Melva Burns (WC) 7.4; 300y, Crystal Hayes (WC) 38.6.

Purdue Edges Harvard 98-95

Cambridge, Massachusetts, February 13:-Good distance performances highlighted the four-way meet won by Purdue over Harvard 98-95. Brown University tallied only 9 points, but that got them third place ahead of Dartmouth who managed only 6 points.

Purdue was led by two double winners, Sybil Perry in the 60 and 200 and Lorna Russell in the long jump and hurdles. The 4x880 relay teams of both schools turned in excellent times with Harvard winning in 8:56.6 to Purdue's 8:58.6, the two top times in the nation to date.

RESULTS: SP, Johnson (H) 43'9"; 4x880, 1-Harvard (Herlihy-Barrett-Pinon-Beckford) 8:56.6, 2-Purdue 8:58.6, 3-Dartmouth 9:34.7, 4-Brown 9:35.4; HJ, Maggie Woods (P) 5'7"; 4x220, 1-Purdue 1:44.43, 2-Harvard 1:45.73; 5000, 1-Andrea Marek (P) 16:37.2, 2-Kate Wiley (H) 16:42.5, 3-Kate Good (H) 17:24.7, 4-O'Malley (B) 17:51.9; 1500, 1-Jenny Stricker (H) 4:23.68, 2-Mary Herlihy (H) 4:31.66, 3-Jeanne Molohon (P) 4:32.06, 4-Nancy Sanford (P) 4:32.4; 60yH/LJ, Lorna Russell (P) 8.02/18'4"; 400, Heidi Hackel (P) 58.03; 60y, Sybil Perry (P) 7.12, 2-Scharoun (H) 7.49; 800, 1-Darlene Beckford (H) 2:12.88, 2-Jymette Bonivier (P) 2:14.49; 200, 1-Sybil Perry (P) 24.85, 2-Scharoun (H) 26.12; 3000, Kate Wiley (H) 9:38.96, 2-Newnham (H) 9:48.64; 4x40, Purdue 3:56.67.

Vandal Invitational

Moscow, Idaho, February 13:-Good marks were recorded in the four women's running events which were part of the Seventh Annual Vandal Invitational. Oregon's Lexie Miller clocked a best-ever for the seldom run 300m hurdles at 42.65 and fine marks were made in the 300, 600 and 1500m runs.

RESULTS: 300, 1-Grace Bakari (Ore) 39.26, 2-Tinker Zshester (U British Columbia) 40.34, 3-Colleen Richardson (Wash) 40.56, 4-Lane Fritsson (Ore) 40.86, 5-Sheryl Davis (Calgary Spartans) 40.88; 600m, 1-Ranza Clark (CS) 1:33.15, 2-Marion Nibblelink (UBC) 1:33.83, 3-Allison Falkenberg (Id) 1:34.4, 4-Rhonda Massey (Ore) 1:34.5, 5-Susan Gregg (Wash) 1:35.0; 300mH, 1-Lexie Miller (Ore) 42.65, 2-Lisa Nicholson (Ore) 44.28, 3-Colleen Williams (Id) 45.17, 4-Mary Mitchoff (Ore) 47.15; 1500, 1-Debbie Scott (Un.Victoria) 4:19.29, 2-Geri Fitch (Kajacs) 4:20.69, 3-Kathey Hayes (Ore) 4:21.77, 4-Regina Joyce (Un) 4:22.36, 5-Sara Neil (UBC) 4:30.07, 6-Patsy Sharples (Id) 4:37.92, 7-Sandy Kristjanson (Id) 4:38.10, 8-Sherri Crang (Id) 4:38.50.



Oregon's Lexie Miller won the seldom-run 300m hurdles at the Vandal Invitational in a good 42.65. (Jeff Johnson photo).

Kearney State Wins Triangular

Crete, Nebraska, February 13:-Although they won only four events, Kearney State depth paid off as they whipped two opponents in a triangular affair. Kearney State won with 69 points to 54 for Doane and 14 for Concordia.

RESULTS: SP, Carma Lee (D) 39'4½; HJ, Sherri Russel (D) 5'4; 60y, Marie Schaeps (C) 7.3; 600y, Liz Resmondo (D) 1:31.1; 300y, Cary Micek (D) 38.2; 1000y, Laurie Toben (KS) 2:54.6.

Washington Invitational

Seattle, Washington, February 21:-The excitement meter never got very high at the Washington Indoor Invitational. Best of the results was Maggie Garrison's win over high schooler Mary Moore in the high jump with both competitors clearing 5'10½.

RESULTS: 60yH, 1-Kay Garnett (Bellevue CC) 8.0, 2-Chris Klausman (Seattle Pac) 8.4; 60y, 1-Donna Dennis (Un) 7.0, 2-Heather Donaldson (Kajacs) 7.1, 3-Kay Garnett (BCC) 7.2; SP, Jackie Henry (Wash) 44'9½; 880, Maria Nibbeliak (UBC) 2:17.1; 440, Ronda Massey (Ore) 59.0; Pent, Deanna Carr (Wash) 35'47 (38'0½); IJ, Diane Jolevet (Wash) 18'4½; Mile, Karen Petley (Wash) 4:59.4; 220, Lori Ewing (Kajacs) 26.5; 4x440, Bellevue CC 4:01.5; HJ, 1-Maggie Garrison (Sports West) 5'10½, 2-Mary Moore (Wash HS) 5'10½, 3-Gaye Brandenstein (Wash) 5'8½.

Minnesota Invitational

Minneapolis, Minnesota, February 20:-Home team Minnesota won its own Invitational with 207 points, outscoring the other three competing teams almost 2-1. No exciting marks were recorded and there were no double winners.

RESULTS: SP Fay Farrar (Minn) 44'11; Mile, Cindy Dickison (Minn) 4:59.5; 440, Cathy Anderson (Minn) 58.6; 60y, Jeri Domes (Mankato St) 7.2; 300y, 1-Sue Klein (S.Dak) 36.4, 2-Cathy Anderson (Minn) 37.1, 3-Judy Harju (Minn) 37.3; 880, 1-Lori Bearson (ManSt) 2:15.0, 2-Kris Rens (Minn) 2:16.6; 4x880, 1-Minnesota (Benzow-Dickison-Lundin-Shima) 9:37.2, 2-Mankato State 9:41.2; 2M, Lynn Nelson (ManSt) 10:52.4; 600y, Linda Gohman (Minn) 1:30.7; Pent, 1-Polly Oas (Minn) 3387, 2-Stephanie Farrington 3268, 3-Kathy Peasley (Wis/Eau Claire) 3249; Scores, 1-Minnesota 207, 2-Mankato State 118, 3-Wisconsin/Eau Claire 77, 4-South Dakota 26.

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INDOOR RESULTS

Another WR for Decker

San Diego, February 20:-They staged only four events for women at the Annual San Diego Jack-In-The-Box, but there was enough brouhaha from the three running events to satisfy even the most picky fan.

Mary Decker Tabb went a mile once again and once again the mile record went. This time she stopped the clock at 4:20.5, just about a second better than her previous 1982 best of 4:21.47. Francie Larrieu had her best run of the year in second place (4:32.7), but the rest of the field, in spite of running very creditable times, failed to improve on previous 1982 marks.

LaShon Nedd won a swift 500 yards in 1:03.5 and became the Number Two performer on the All-Time US List and #4 on the All-Time World List. Arlese Emerson had her personal best at 1:03.6 and moved to #3 US and #5 World. Gwen Gardner was a speedy third in 1:04.5 but has a 1:03.7 recorded in 1980.

Debbie Brill took the high jump at 6'2 3/4 over a field of very tired leapers.

The 60y dash provided the fireworks of the evening and this is discussed in "Reel Off" column at the front of the magazine. Net result was a win for Evelyn Ashford in world record time of 6.48, but the mark was not allowed due to "mechanical difficulties". Only three runners finished the short sprint.

RESULTS: 500y, 1-LaShon Nedd (WAC) 1:03.5, 2-Arlese Emerson (WAC) 1:03.6, 3-Gwen Gardner (LAM) 1:04.5; Mile, 1-Mary Decker Tabb (AthWst) 4:20.5, 2-Francie Larrieu Smith (PCC) 4:32.7, 3-Joan Hanson (AthWst) 4:33.9, 4-Cathie Two-mey (AthWst) 4:34.7, 5-Monica Joyce (SDS) 4:45.9; HJ, 1-Debbie Brill (PCC) 6'2 3/4, 2-Coleen Reinstra (WAC) 6'2 3/4, 3-Joan Huntly (PCC) 6'0, 4-Emi Fukumitsu (Jap) 5'10, 5-Patty Stafford (SDS) 5'8 1/2; 60y, 1-Evelyn Ashford (MedAC) nt, 2-Diana Williams (LAN) nt, 3-Emi Akimoto (Jap) nt.

16th Annual Delaware Invitational

Newark, Delaware, February 21:-Florida and North Carolina State travelled north to take part in the 16th Annual University of Delaware Invitational and dominated the competition. Florida won six of the twelve events and North Carolina State, although winning only two events, turned in a great 11:35.84 time for the distance medley. No score was kept.

Florida's Beth Farmer got the southerners off on the right track as she won the three mile in an upset over Maryland's Mary Walsh. Walsh, who managed to finish only third, had a clocking of 16:13 earlier in the year but could manage only 16:40.19 this time out while Farmer ran 18 seconds faster.

Farmer's teammate Kim Schofield, had a fine jump of 20'8 1/2 in the long jump plus picking up a second in the short sprint. Still another Floridian, Lori Dinello, took the hurdles in good time and was third in the 60 dash.

RESULTS: 3M, 1-Beth Farmer (Fl) 16:22.49, 2-Kim Sharpe (NC St) 16:39.10, 3-Mary Walsh (Md) 16:40.19, 4-Carol Gilsinger (Vil) 17:11.38, 5-Lisa Young (WChes) 17:11.69, 6-Sheila D'Alo (Temple) 17:11.99; 880, 1-Donna Campbell (Fl) 2:11.61, 2-Sande Cullinane (NCSt) 2:14.01; 4x220, 1-Maryland/Eastern Shore (Burgin-Galloway-DeVillasee-Tyer) 1:44.94, 2-Villanova 1:46.57; SP, 1-Sharon Lotmore (Fl) 43'10, 2-Cheryl Baker (Md) 43'5 1/4; HJ, 1-Peggy Stewart (Vil) 5'8, 2-Thea Ackerman (MtStM) 5'8, 3-Yvonne Heinrich (NCSt) 5'6; Mile, 1-Suzanne Girard (NCSt) 4:46.16, 2-Pat Walker (Md) 4:48.20, 3-Mary Turner (Penn) 4:54.96, 4-Riviera Gensib (Penn) 4:55.20, 5-Joan Nesbit (NCar) 4:57.89; 440, 1-Carol Galloway (UMES) 57.39, 2-Susan Seebers (Fl) 57.64; LJ, 1-Kim Schofield (Fl) 20'8 1/2, 2-Evaline Hatcher (MorgSt) 19'5 1/2, 3-Piper Bressant (Fl) 18'9 1/2; 60yH, 1-Lori Dinello (Fl) 7.91, 2-Piper Bressant (Fl) 8.14; 60y, 1-Leola Toomer (Md) 7.03, 2-Kim Schofield (Fl) 7.11, 3-Lori Dinello (Fl) 7.19, 4-Senerchia Gray (NCSt) 7.22; DMed, 1-North Carolina State 11:35.84 (Beck 2:16.78, Smith 59.6, Girard 3:29.72, Cullinane 4:46.8), 2-Georgetown 11:47.87, 3-Villanova 12:03.56, 4-Maryland 12:24.69, 5-West Chester 12:37.80; 4x440, 1-Florida (Bressant-Palmcrantz-Schofield-Seebers) 3:49.40, 2-Rutgers 3:49.42, 3-Villanova 3:50.29, 4-DeelState 3:58.26.

Virginia State Championships

Blacksburg, Virginia, February 21:-The University of Virginia, being the only Division I team in the State, had no problem winning the State title as they outscored the other eight competing teams with ease. The Cavaliers won 8 events plus placing 1-2 in the 5000 and 1-2-3 in the 1500.

RESULTS: DMed, 1-Virginia (Waller-Collin-Humphries-White) 12:09.5, 2-Virginia Tech 12:13.8; LJ, Edna Davis (Christopher Newport) 18'4 1/4; 4x800, 1-Virginia 8:58.6, 2-Richmond 9:04.0, 3-James Madison 9:20.2, 4-George Mason 9:35.8; 5000, 1-Lesley Welch (Va) 16:21.6, 2-Mary Jean Wright (Va) 16:55.9; HJ, 1-Ann Bair (Va) 5'10 1/4, 2-Sue Brownell (Va) 5'6 1/2; 60y, 1-Sherri Funn (GM) 6.91, 2-Lisa Garrett (Va) 7.23; 60yH, 1-Susan Brownell (Va) 8.08, 2-Allen (GM) 8.30; 1500, 1-Lisa Welch (Va) 4:25.5, 2-Marissa Schmitt (Va) 4:31.5, 3-Martha White (Va) 4:34.3; 4x150, George Mason 1:16.2; 600m, 1-Jo White (Richmond) 1:31.1, 2-Karen Hatchett (Va) 1:35.8, 3-Susie Shreckhise (JM) 1:36.9; SE, Jeri Daniels (Wm&M) 43'10; 400, 1-Edna Davis (GN) 56.0, 2-Karen Hatchett (Va) 56.6; 300m, 1-Lisa Garrett (Va) 39.2, 2-Sherri Funn (GM) 39.8; Pent, Barbara Lyon (GM) 3267; 1000m, 1-Linda Nicholson (Va) 2:54.3, 2-Thomas (Richmond) 2:54.5; 800, Kim Kelly (Va) 2:15.2; 3000, Tracey Deeley (VaTech) 10:19.4; 4x400, Richmond (White-Spillman-Hendricks-Thomas) 4:00.1; Scores, 1-Virginia 184, 2-George Mason 80, 3-James Madison and Virginia Tech 74, 5-Richmond 41, 6-William & Mary 38, 7-Liberty Baptist 31, 8-Christopher Newport 28, 9-Mary Washington 0.

Illinois State Invitational

Normal, Illinois, February 20:-Twelve teams gathered for the running of the Illinois State Invitational and when the running was over, it was Wisconsin the winner with 136 points. The Madison-based team won seven events plus a tie for first in the pentathlon. Illinois State's Wendy VanMierlo was the only double winner with firsts in the 1500 and 3000. Wisconsin's sprinter, Judy Winski, took the 60m sprint in the very good time of 7.49, nearly 0.2 faster than her previous 1982 best of 7.62, and became the third fastest in the US at that distance this year. Unfortunately, results were given using only last names and no marks were listed except for winners.

RESULTS: 1500/3000, Wendy VanMierlo (IllSt) 4:33.0/9:26.07; 4x200, Wisconsin 1:43.00; DMed, Illinois State 12:36.56; SP, Karen Nitsch (Wis) 46'11 1/2; LJ, Pat Johnson (Wis) 19'10 1/4; 600m, Macklin (Will) 1:36.66; 400, Lamoigan (MurraySt) 57.10; 60mH, Kathy Borgwarth (Wis) 8.35; 5000, Marta Wilson (Wis) 17:51.51; 300m, Conda (Ill) 39.72; 60m, Judy Winski (Wis) 7.49; 1000m, Veegee Elson (Ill) 2:54.60; 800, Denise Lores (IllSt) 2:14.23; 4x800, Western Illinois 9:20.65; 4x400, Wisconsin 3:51.33; HJ, Lori Kemnitz (Wis) 5'7 1/2; Pent, (Tie) Chris Singer (IndSt) and Cherri Essman (Wis) 3541; Scores, 1-Wisconsin 136, 2-Western Illinois 98, 3-Illinois State 90, 4-Indiana State 59, 5-Illinois 57, 6-Murray St. 46, 7-Bradley 17, 8-Southwest Missouri 14, 9-Wis/Parkside 10, 11-S.Ill/Carbondale 4; 11-S.Ill/Edwardsville and Chicago State 0.

Temple Wins 4-Way Meet

West Point, New York, February 20:-With Edna Brown and Nancy Deneka each winning two events, Temple University had an easy time whipping three opponents at the Crowell Memorial Track. Temple scored 109 1/2 points to 66 1/2 for Cortland, 40 for the Army and 14 for Alfred University.

RESULTS: LJ, Ellen Howard (T) 18'7 1/2; SP, 1-Sharon Mitnik (T) 45'4 1/2, 2-Karen Hand (C) 42'0; 55m, Tracy Armstead (C) 6.9; 1500, 1-Nancy Deneka (T) 4:43.1, 2-Mary Taber (C) 4:44.6; 5000, Noreen White (C) 18:21.0; HJ, Lesvia Jackson (T) 5'5 1/2; 55mH, 1-Edna Brown (T) 8.0, 2-Glenda Truesdale (T) 8.1; 300m, 1-Edna Brown (T) 40.1, 2-Glenda Truesdale (T) 41.9; 1000m, 1-Nancy Deneka (T) 3:02.8, 2-Sue Lenio (A) 3:09.9; 3000, Shelia D'Alo (T) 10:20.0; 4x200/4x400, Temple 1:41.4/3:56.9.

Record for Walton

Bloomington, Indiana, February 20:-Tennessee's Delisa Walton sped to a fast 1:18.58 clocking for 600 yards as Tennessee teammates defeated Indiana 68-50 in a good dual meet. Walton's mark is just a tick off the world best set in 1974 by Canada's Yvonne Sanders who managed 1:18.4 hand-timed. That converts to 1:18.54 making Walton the new American Record holder and second-best ever.

Tennessee won the meet by virtue of winning 11 of the 14 events and Indiana stayed close by picking up second and third places and winning three events. Benita Fitzgerald and Myrtle Chester were the busy bees for Tennessee. Fitzgerald won 3 events plus a leg on the winning relay team. Fitzgerald's 35.01 time in winning the 300y put her as #10 on the All-Time US List. Chester took the pentathlon, placed second in the open high jump, third in the open long jump and led off the winning 4x440 relay team. Distancer Linda Portasik scored a twin win in the mile and 880 making 6 wins for the three busy Tennessee athletes. Portasik also placed 4th in the two mile.

RESULTS: Pent, 1-Myrtle Chester (Tn) 3921 (8.9/33'10/5'7 1/4/18'3 1/4/2:21.70); 2-Betsy Grizzell (In) 3395; Mile, 1-Linda Portasik (Tn) 4:49.29, 2-Kathy Bryant (Tn) 4:55.98, 3-Ellen McCallister (Tn) 5:01.49; 440, 1-Sheila Montgomery (In) 56.83, 2-Kim Young (In) 57.79; 600y, 1-Benita Fitzgerald (Tn) 6.96, 2-Reba Jackson (In) 7.06; 880, 1-Linda Portasik (Tn) 2:15.33, 2-Kelly Greenlee (In) 2:17.24, 3-Lynne Whitaker (In) 2:17.24; 600H, 1-Benita Fitzgerald (Tn) 7.79; 2-Carla Battaglia (In) 8.49; SP, 1-Rose Hauch (Tn) 53'4 1/2, 2-Patricia Walsh (Tn) 49'5 1/2, 3-Annette Brohach (In) 49'3 1/2; 600y, 1-Delisa Walton (Tn) 1:18.58, 2-Barb Ennis (In) 1:22.94; LJ, Sherri Dunn (In) 18'10 1/2; 300y, 1-Benita Fitzgerald (Tn) 35.01, 2-Reba Jackson (In) 35.52, 3-Sharrieffa Barksdale (Tn) 36.07, 4-Andrea Nranian (In) 36.58; 1000y, Joetta Clark (Tn) 2:29.60, all other competitors disqualified; 2M, 1-Donna McLain (In) 10:29.1, 2-Johanna Reneke (In) 10:30.5, 3-Susan Baxter (Tn) 10:42.1, 4-Linda Portasik (Tn) 10:46.7; HJ, Trish Eiting (In) 5'5 1/2; 4x440, 1-Tennessee (Chester-Fitzgerald-Clark-Walton) 3:51.45, 2-Indiana 3:53.89.

BYU Wins Regional Title

Flagstaff, Arizona, February 27:-UTEP's budget problems helped Brigham Young University win the AIAW Region Seven indoor championships. UTEP failed to appear and left the way open for the Utah crew to walk away with the championship trophy by scoring 111 1/2 points to runner-up Northern Arizona's 43 1/2.

The meet was filled with double winners. BYU's British import, Judith Croasdale took the 800 and 1000, Utah's Jill Molen won the 3000 and 5000 and Wyoming's Pat Miller annexed the 55 sprint and the long jump. Northern Arizona's Charlotte Reeves had a good mark in winning the 600m in 1:31.45 and BYU's Julie Jones (the thrower) got over the 50 foot barrier to win the shot.

RESULTS: 1000, 1-Judith Croasdale (BYU) 2:53.59, 2-Carla Pittelkow (Ut) 3:00.53; 4x200, 1-Northern Arizona (Patterson-Skiba-Lee-Reeves) 1:43.08, 2-Air Force 1:44.43; 5000, Jill Molen (Ut) 16:55.4; LJ, 1-Pat Miller (Wy) 19'5 1/2, 2-Lynn Wimmer (Ut) 18'9 1/2; 4x800, 1-BYU (Holderness-Peterson-Weight-Nielson) 9:07.00, 2-Air Force 9:20.46, 3-Wyoming 9:23.60; 300m, 1-Nagda Villarreal (BYU) 41.36, 2-Lesley Scott (Wy) 41.94; HJ, Maria Betioli-Zanandrea (BYU) 6'0; SP, 1-Julie Jones (BYU) 50'3, 2-Taina Laakso (BYU) 43'2; 55mH, Stella Edwison (BYU) 8.02; 55m, Pat Miller (Wy) 7.21; DMed, 1-BYU (McClung-Chipman-Molloy-VanWagenen) 12:30.14, 2-Wyoming 12:32.40; 600m, 1-Charlotte Reeves (NA) 1:31.45, 2-Gail Conway (AF) 1:35.23, 3-Joy Meyen (AF) 1:36.60; 3000, 1-Jill Molen (Ut) 10:1.31, 2-Leila Knoff (BYU) 10:23.01; 400, 1-Melody Jones (BYU) 57.47, 2-Laureli Curley (Ut) 58.35; 1500, 1-Janell Neeley (BYU) 4:38.56, 2-Karen VanWagenen (BYU) 4:47.68; 4x400, 1-Air Force (Luvy-Meyen-Price-Conway) 3:53.07, 2-NAU 3:54.75, 3-BYU 3:57.27; Pent, 1-Brenda Poyfair (BYU) 3591 (9.26-32'1 1/2-5'8 1/2-15'4 1/2-2:23.44), 2-Julie Jones (BYU) 3439, 3-Monique Donithan (NA) 3366; Scores, 1-BYU 111 1/2, 2-Northern Arizona 43 1/2, 3-Wyoming 42, 4-Utah 41, 5-Air Force 36.



University of Arizona has picked up the world junior record holder in the high jump, Charmaine Gale of South Africa. Gale's mark is 1.94/6'4 and she easily won her event at the Missouri Invitational at 6'0.

Missouri Invitational

Columbia, Missouri, February 20:-Although 12 teams took part in the competition, the meet was completely dominated by the home team and Arkansas as they won 11 of the 14 events. Best marks were made in the distances and long relays. University of Arizona entered their new South African high jumper Charmaine Gale, the world record holder for the junior high jump, and she proceeded to open her US activities with a 6'0 victory. Missouri's Andrea Fischer had a good three mile mark at 16:22.98.

RESULTS: 3M, 1-Andrea Fischer (Mo) 16:22.98, 2-Maria Tilman (Ark) 16:29.43, 3-Esther Corrigan (Mo) 17:38.35; 4x220, 1-Arkansas (Johnson-Sparks-Russell-Harris) 1:41.45, 2-Missouri 1:41.63; HJ, 1-Charmaine Gale (Ariz) 6'0, 2-Helen Ogar (Mo) 5'10, 3-Mary Cragoe (Ark) 5'8, 4-Mary Nan Chapman (Mo) 5'8; SP, Karen Wood (Nb) 46'8 1/2; DisMed, Arkansas (Hepler-Barnett-Stone-Rittenhouse) 12:05.86; 1000y, 1-Sabrina Dornhoefer (Mo) 2:37.81, 2-Andrea Fischer (Mo) 2:39.00, 3-Karen Goodberlet (Ark) 2:42.76; 600y, 1-Wanda Harris (Ark) 8.15, 2-Lisa Davis (Lincoln U) 8.19; 60y, 1-Patricia Johnson (Ark) 7.19, 2-Lisa Davis (LU) 7.24; Mile, Jody Rittenhouse (Ark) 5:03.74; 600y, 1-Lynn Biggs (Mo) 1:24.71, 2-Ruth Pugh (Nb) 1:27.03; 300y, 1-Rosalyn Dunlap (Mo) 35.88, 2-Rhonda Blandford (Nb) 36.53, 3-Cheryl Zajic (Nb) 37.57; 4x880, 1-Arkansas (Goodberlet-Heverly-Stone-Hapler) 9:26.70, 2-Missouri 9:33.95; 4x440, Central Missouri State (Thompson-Frieze-Tarwater-Paul) 4:08.8; LJ, 1-Kellee Eubanks (Mo) 19'5, 2-Marjan Goedhart (Nb) 19'2, 3-Linda Spent (Mo) 18'11.

Dale and Bundy Lead UNO

Omaha, Nebraska, February 20:-With Regina Dale and Krisit Bundy scoring nearly half of their points, the University of Nebraska at Omaha outscored the Aur Force Academy 57 1/2-42 1/2 in a dual meet. Dale won three events, Bundy captured two and both ran on the winning 4 x 1 lap relay team for 27 1/2 points. Bundy also ankleed a leg on the 4x400 relay team in a losing cause.

RESULTS: 1500, Rita Burr (AF) 4:46.45; HJ, Beth Kerschinske (UNO) 5'6 1/2; 55mH/LJ/200, Regina Dale (UNO) 8.52/17'10 1/4/26.22; 400/55m, Kristi Bundy (UNO) 59.59/7.32; 3000, Anetta Weber (AF) 10:29.74.

INDOOR RESULTS

Big Doings at Big-8

Lincoln, Nebraska, February 26/27:-The University of Nebraska hosted and won the Big-8 Championships and the team battle, originally slated to be close, was no contest. The Cornhuskers won easily with 159 points to 96 for runner-up Oklahoma and the entire field was evenly spaced.

The big news was a couple of American Records by Oklahoma's Kellie Cathey in the three mile and Missouri's Rosalyn Dunlap in the 600 yard. Cathey's time of 15:28.49 bettered the previous three mile best by more than 13 seconds. Pia Palladino had the old record at 15:41.4 made in 1980. Since the US is the only country running this event, Cathey's mark is also a world best.

Dunlap's 1:18.56 was fractionally better than the new record of 1:18.58 turned in by Tennessee's Delisa Walton just seven days earlier and is the USA Number One at least for now. The best on record is the 1:18.4 (1:18.54*) by Canada's Yvonne Saunders back in 1974.

Cathey and Merlene Ottey were the meet's only double winners with Ottey zipping her best 60 of the year and also picking gold in the 440 and 4x220. Cathey also won the mile. In the 300 dash, Nebraska's Alicia McQueen, who was disqualified in the final, ran 35.04 in her heat for the #10 mark on the All-Time US List. And the runner-up to Dunlap in the 600, Nebraska's Marcia Tate, moved to the #5 position on the All-Time World List with her 1:19.16 clocking. Other good marks came in the long jump where Kansas State's British import Kelly Wenlock hopped 20'6, in the pentathlon where Nancy Kindig tallied 4170 and the 4x220 of 1:37.71 by Nebraska.

RESULTS: LJ, 1-Kelly Wenlock (KSt) 20'6, 2-Tudie McKnight (Kan) 19'11½, 3-Annette Tannander (Col) 19'11, 4-Sherifa Sanders (Ok) 19'7, 5-Kellee Eubanks 19'5, 6-Brenda Allwine (Ok) 19'4¼; DMed, 1-Iowa State (Shaffer-Wells-Hunter-Davis) 11:47.91, 2-Colorado 12:05.62; 1000y, 1-Tami Essington (Nb) 2:31.64, 2-Wren Schafer (ISt) 2:31.83, 3-Carleen Thom (Col) 2:34.49; 4x220, 1-Nebraska (Ottey-Gorham-Blanford-James) 1:37.71, 2-Kansas 1:40.3, 3-Oklahoma 1:40.4, 4-Missouri 1:41.58, 5-Colorado 1:42.41; 880, 1-Maureen Houghton (Ok) 2:09.55, 2-Lynn Biggs (Mo) 2:11.83, 3-Sara Stricker (Nb) 2:12.85; 600yH, 1-Rhonda Blanford (Nb) 7.82, 2-Sherifa Sanders (Ok) 7.87, 3-Vicki Fretwell (OkSt) 8.17; 60y, 1-Merlene Ottey (Nb) 6.67, 2-Janet Burke (Nb) 6.83 (6.78h), 3-Alicia McQueen (Nb) 6.99 (6.95h), 4-Deborah James (Nb) 7.08 (7.03h); Mile, 1-Kellie Cathey (Ok) 4:46.80, 2-Catherine Hunter (IaSt) 4:52.70, 3-Andrea Fischer (Mo) 4:52.80, 4-Sara Stricker (Nb) 4:55.27; 600y, 1-Rosalyn Dunlap (Mo) 1:18.56, 2-Marcia Tate (Nb) 1:19.16, 3-Tami Essington (Nb) 1:23.52, 4-Wanda Hartso (Nb) 1:25.2, 5-Donna Smitherman (Kan) 1:25.7 (1:25.45h); 440, 1-Merlene Ottey (Nb) 54.25, 2-Sumetia Wells (IaSt) 56.13, 3-Lorna Tucker (Kan) 56.27, 4-Annette Campbell 56.38, 5-Halcyon McKnight (Kan) 56.64, 6-Jennie Gorham (Nb) 57.06 (56.83h); 300y, 1-Janet Burke (Nb) 34.74 (34.59h), 2-Felecia Moore (Ok) 35.26, 3-Dora Spearmon (Kan) 36.15, 4-Kelly Wenlock (KanSt) 36.16, Deborah James (Nb) and Alicia McQueen (Nb) disqualified; McQueen ran 25.04 in heat; SP, 1-Cecil Hansen (Ok) 50'3¼, 2-Robin Small (Nb) 49'11¼, 3-Stine Lerdahl (Kan) 49'5¼, 4-Janice Stucky (KanSt) 47'2½, 5-Karen Wood (Nb) 46'4¼; 3M, 1-Kellie Cathey (Ok) 15:28.49, 2-Margaret Davis (IaSt) 16:02.82 (#11 US), 3-Anne Hicks (IaSt) 16:40.42, 4-Kathy McCray (Col) 16:42.65, 5-Janel LeValley (KanSt) 16:53.18, 6-Francine Sandoval (IaSt) 16:53.54; Pent, 1-Nancy Kindig (Nb) 4170 (8.5-39'3¼-5'6¼-18'8¼-2:17.8), 2-Marjan Goedhart (Nb) 3930 (19'0), 3-Linda Spenst (Mo) 3888 (19'3¼), 4-Renee Nickles (Ok) 3865, 5-Beets Kolarik (KanSt) 3549, 6-Bev Mortimer (Kan) 3538; 4x880, 1-Nebraska (Pugh-Stricker-Essington-Tate) 8:59.71, 2-Iowa State 9:12.75, 3-Colorado 9:22.38, 4-Missouri 9:24.06, 5-Kansas 9:34.71; 4x440, 1-Kansas (Smitherman-McCullough-McKnight-Tucker) 3:48.55, 2-Oklahoma 3:48.90, 3-Iowa State 3:50.03, 4-Nebraska 3:53.50; HJ, 1-Sharon Burrill (Nb) 5'10, 2-Sally McCarthy (Ok) 5'10; Scores, 1-Nebraska 159, 2-Oklahoma 96, 3-Iowa State 69, 4-Kansas 60, 5-Missouri 56, 6-Colorado 39, 7-Kansas State 30, 8-Oklahoma State 12.



Missouri's Rosalyn Dunlap picked up an American record in the 600y event at the Big-8 Championships. Dunlap's time of 1:18.56 is only two-hundredths of a second behind the world mark set in 1974 by Canada's Yvonne Saunders. (Jeff Johnson photo).

Lady Panther Championships

Charleston, Illinois, February 27:-Host Eastern Illinois won six events and dominated their own Lady Panther Championships although it was a non-scoring meet. Arkansas and Illinois State each won three events to stay close to the Lady Panthers. Some good marks were recorded as the teams tuned up for the National Championships.

RESULTS: 60y, 1-Sonya Brown (E.Ill) 6.97, 2-Liz Greathouse (E.Ill) 7.14; 880, Denise Lores (IllSt) 2:15.55; 300y, 1-Gail Stephens (E.Ill) 35.61, 2-Darcel Church (IndSt) 35.92; Mile, 1-Wendy Van Mierlo (IllSt) 4:52.39, 2-Jody Rittenhouse (Ark) 4:53.41; 600y, 1-Marian Kidd (IndSt) 1:24.45, 2-Dana Snyder (IndSt) 1:26.37, 3-L'Anna Howard (Ark) 1:26.40; LJ, Gayle Brandon (E.Ill) 19'4¼, 440, 1-Karon Lakland (E.Ill) 58.56, 2-Sheila Barry (W.Ill) 58.61; SP, Banks (Ark) 41'11¼; 60yH, 1-Danette Onyemeluke (W.Ill) 7.95, 2-Wanda Harris (Ark) 8.02, 3-Marilyn Banks (Ark) 8.11 (7.94h); 4x440, 1-Eastern Illinois (Greathouse-Lakland-Johnson-Stephens) 3:53.16, 2-Western Illinois 3:55.68, 3-Indiana State 3:55.69; 4x220, 1-Eastern Illinois (Brown-Brandon-Greathouse-Stephens) 1:41.05, 2-Arkansas 1:42.19, 3-Indiana State 1:42.88, 4-Western Illinois 1:44.06; HJ, Melinda Morris (W.Ill) 5'8¼; DMed, Arkansas (Hupp-ler-Barnett-Stone-Rittenhouse) 11:54.50; 2M, 1-Maria Tilman (Ark) 10:30.45, 2-Kris Haeckler (IndSt) 10:48.43, 3-Gina Sperry (E.Ill) 10:48.44; Pent, 1-Becky Gervase (Ill St) 3329, 2-Cherlene Dewey (Bradley) 3296.

In this issue of WIFW we have printed the results of more than 70 track meets. If your meets were not listed, we simply did not receive them. Get to your SID and make certain the results are sent. They will be printed. And feature stories and photos as well.

Bowling Green Wins Conference

Kalamazoo, Michigan, February 27:-Team depth paid off for the Bowling Green Falcons at the Third Annual Mid-American Conference Invitational. Bowling Green and Eastern Michigan each won six events, but the Falcons outscored their closest opponent 138-118.

There was only one double winner, Bowling Green's Laura Murphy who took the 1000 and 1500 meter runs. Good but not outstanding marks were the order of the day.

The final of the 60m dash was a good one with fourth place just 0.01 away from the winner.

RESULTS: DMed, 1-Western Michigan (Hacker-Smith-Slocum-MacDonald) 12:03.55, 2-Bowling Green 12:03.59, 3-Eastern Michigan 12:28.25, 4-Northern Illinois 12:30.99; 400, 1-Ladeidra Ballard (BG) 56.94, 2-Ingrid Boyce (EM) 58.41; 300m, 1-Rose Johnson (Kent St) 40.87, 2-Diana Jennings (BG) 41.15, 3-Linda Dukes (Ohio Univ) 41.39, 4-Cheri Laycock (CM) 41.59; 1000m, 1-Laura Murphy (BG) 2:54.88, 2-Sally Slocum (WM) 2:58.54, 3-Anne Simon (CM) 2:58.89, 4-Cheryl Scheffer (EM) 3:00.46, 5-Stephanie Eaton (BG) 3:00.56; 800, Pam Brown (CM) 2:16.68; 3000, 1-Joanne Lanciaux (BG) 10:09.01; 4x400, 1-Bowling Green (Wumer-Clawson-Jennings-Ballard) 3:54.10, 2-Western Michigan (BG) 3:56.90; Pent, 1-Sandy West (KS) 3448 (9.55-35'6-5'1 1/4-15'11-2:28.34), 2-Gloria Tyree (BS) 3325; 4x800, 1-Eastern Michigan (Kaake-Gusie-Love-Scheffer) 9:11.19, 2-Central Michigan 9:12.15, 3-Ohio University 9:15.23, 4-Bowling Green 9:17.08, 5-Kent State 9:32.52; LJ, 1-Ingrid Boyce (EM) 19'1, 2-Kori Gifford (WM) 18'11; HJ, 1-Frances Danielle (OU) 5'8 1/2, 2-Heidi Asmus (BG) 5'8 1/2, 3-Ellie Hayden (EM) 5'6; 4x200, 1-Eastern Michigan (Tempo-Hayden-Boyce-Clarke) 1:41.99, 2-Ohio U 1:43.93, 3-Bowling Green 1:44.53, 4-Western Michigan 1:44.54; 5000, 1-Bonnie Arnold (EM) 17:41.59, 2-Connie Stempien (CM) 17:50.00; 1500, 1-Laura Murphy (BG) 4:34.88, 2-Joanne Lanciaux (BG) 4:38.39, 3-Sue McDonald (WM) 4:43.25, 4-Debbie Love (EM) 4:44.44; SP, 1-Terri Byland (KS) 46'6 1/4, 2-Pam Hall (Miami U) 44'0; 60mH, 1-Gina Temporo (EM) 8.84 (8.82s), 2-Rochelle Kimbrough (OU) 9.08, 3-Frances Danielle (OU) 9.15; 60m, 1-Joyanne Clarke

(EM) 7.77, 2-Josephine Williams (WM) 7.77, 3-Gina Temporo (EM) 7.78 (7.72s), 4-Rose Johnson (KS) 7.78; 600m, 1-Joy Clawson (BG) 1:36.67, 2-Maria Shoup (WM) 1:36.77, 3-Annette Cotner (OU) 1:37.29, 4-Theresa Rogers (MU) 1:38.11; Scores, 1-Bowling Green 138, 2-Eastern Michigan 118, 3-Western Michigan 75, 4-Central Michigan 67, 5-Ohio University 64, 6-Kent State 44, 7-Ball State 21, 8-Miami (Ohio) 19, 9-Northern Illinois 11, 10-Toledo 0.

British Beat Germany 53-46

Cosford, England, February 20:-British women won six of the nine events and were 1-2 in four of these events to whip the visiting team from Germany 53-46 in an indoor dual meet. No outstanding marks were recorded, but close competition was the rule.

RESULTS: 60m, 1-Wendy Hoyte (GB) 7.32, 2-Sabine Klosters (G) 7.43; 200, 1-Ruth Patten (GB) 24.23, 2-Michelle Scutt (GB) 24.24, 3-Claudia Steger (G) 24.32; 400, 1-Verona Elder (GB) 53.32, 2-Linda Forsyth (GB) 53.88, 3-Christine Brinkmann (G) 53.95; 800, 1-Elke Decker (G) 2:06.94, 2-Britte Bruckner (G) 2:07.97, 3-Linsey MacDonald (GB) 2:08.4; 1500, 1-Roswitha Gerdes (G) 4:17.32, 2-Vera Michallek (G) 4:19.61, 3-Gillian Dainty (GB) 4:20.6; 60mH, 1-Judy Livermore (GB) 8.28, 2-Yvette Wray (GB) 8.31; HJ, 1-(Tie) Ann-Marie Cording (GB) and Diana Elliott (GB) 6'2 1/2; LJ, 1-Monika Hirsch (G) 20'3 1/4, 2-Helke Schmidt (G) 20'3; SP, 1-Judy Oakes (GB) 56'5 1/4, 2-Birgit Petsch (G) 55'4 1/4, 3-Helen Hounsell (GB) 53'5.

"The only thing more expensive than education is ignorance".

"Never cut what you can unravel".

"Life is what happens to you while you're busy making other plans".

"Old age isn't so bad when you consider the alternative".



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TRACK AND FIELD EQUIPMENT

INDOOR MARKS

Marks received to March 6
 *=Not a US citizen

50 YARDS

5.64 Evelyn Ashford (MedTC)
 5.80 Jeanette Bolden (WAC)
 5.81 Chandra Cheeseborough (TSU)
 5.89 +Merlene Ottey (Nb/Jam)
 5.99 Brenda Morehead (PAL)
 6.01 Esther Hope (JkSt)
 6.02 Diana Williams (LAN)
 6.04 Pat Miller (Wy)
 6.05 +Janet Burke (Nb/Jam)
 6.06 Jackie Washington (JkSt)

50 METERS

6.20 Evelyn Ashford (MedTC)
 6.38 +Janet Burke (Nb/Jam)
 6.41 Randy Givens (FlSt)
 6.43 +Marita Payne (FlSt/Can)
 6.45 Sharon Ware (ArSt)
 6.46 Diana Williams (LAN)
 6.50 +Janice Bernard (DCInt/Tri)
 6.54 Lori Dinello (Fl)
 6.58 Kim Parrish (FlSt)
 6.59 Carley (CS Sac)

60 YARDS

6.54 Evelyn Ashford (MedTC)
 6.59 Jeanette Bolden (WAC)
 6.61 Chandra Cheeseborough (TSU)
 6.67 +Merlene Ottey (Nb/Jam)
 6.71 Brenda Morehead (PAL)
 6.78 +Janet Burke (Nb/Jam)
 6.80 Wanda Harris (Ark)
 6.81 Diana Williams (LAN)
 6.85 Sherri Funn (GMason)
 6.85 Michele Glover (Hst)
 6.85 Alice Brown (WAC)

60 METERS

7.29 Chandra Cheeseborough (TSU) - - - -
 7.43 Beatrice Reese (UTEP)
 7.49 Judy Winski (Wis)
 7.50 Sybil Perry (Purdue)
 7.55 Elaine Jones (MichSt)
 7.55 Sandy Harris (SW Mich)
 7.57 Benita Fitzgerald (Tn)
 7.59 Wanda Fort (TSU)
 7.61 Michelle Matthias (Un)
 7.61 Deborah Jackson (MHYF)

200 METERS (*=Hand time +0.24) (#=220y -0.10)

22.79 +Merlene Ottey (Nb/Jam)
 23.15# Chandra Cheeseborough (TSU)
 23.71# LaShon Nedd (WAC)
 23.93 Florence Griffith (WAC)
 24.28 +Janice Bernard (Gram/Tri)
 24.30 +Janet Burke (Nb/Jam)
 24.48# Darlene Jefferson (Hst)
 24.54* +Angela Williams (NYHS/Tri)
 24.74* Maxine Underwood (MassHS)
 24.85 Sybil Perry (Purdue)

300 YARDS (*=Hand time plus 0.24)

32.75 +Merlene Ottey (Nb/Jam)
 34.14 Randy Givens (FlSt)
 34.59 +Janet Burke (Nb/Jam)
 34.94* Maxine Underwood (MassHS)
 35.01 Benita Fitzgerald (Tn)
 35.04 Alicia McQueen (Nb)
 35.20 Beverly Kearney (ConAth)
 35.22 Darlene Jefferson (Hst)
 35.25 Reba Jackson (Ind)
 35.26 Felicia Moore (Ok)

300 METERS

38.74 Alice Jackson (DC Int)
 39.26 Grace Bakari (Oregon)
 39.44* Lisa Garrett (Va)
 39.84* Keri Lynn Hayes (StJohns)
 40.03 Belinda Little (Ala)
 40.04* +Cerina Henry (NYHS/Pan)
 40.04* Rolanda Conda (Illinois)
 40.04* Sherri Funn (GMason)

40.14* Evelyn Taylor (Cornell)
 40.15 Veronica Walker (Georgia)

400 METERS (*=Hand time +0.14)

52.88 +June Griffith (StanTC/Guy)
 53.40 +Merlene Ottey (Nb/Jam)
 53.54* Maxine Underwood (MassHS)
 53.74* Lori McCauley (Rutgers)
 53.99 Gwen Gardner (LAM)
 54.28 Arlise Emerson (UCLA)
 54.36 Edna Brown (Temple)
 54.54 Delisa Walton (Tn)
 54.93 Diane Dixon (NYHS)
 55.12 Deanne Gutowski (UCLA)

500 YARDS

1:03.5 LaShon Nedd (WAC)
 1:03.6 Arlise Emerson (UCLA)
 1:04.5 +June Griffith (StanTC/Guy)
 1:04.5 Gwen Gardner (LAM)
 1:05.6 Sharon Dabney (CSLA)
 1:05.6 Deanne Gutowski (LAM)
 1:06.9 Gervaise McGraw (CalHS)
 1:08.1 Brenda Peterson (WAC)
 1:08.2 Arnold (Cal HS)
 1:08.4 Rolfe (Cal HS)

500 METERS (*=Hand time +0.14)

1:12.97 +June Griffith (StanTC/Guy)
 1:12.99 +Charmaine Crooks (UTEP/Can)
 1:13.15 Maxine Underwood (Mass HS)
 1:13.53 Lori McCauley (Rutgers)
 1:13.64* Stephanie Vega (Atoms)
 1:13.94* Diane Dixon (NYHS)
 1:14.62 Tammi Hart (Penn St)
 1:15.17 Roberta Belle (DC Int)
 1:15.34* Dorean Best (NYHS)
 1:15.94* Diana Richburg (NYHS)

600 YARDS (*=Hand time +0.14)

1:18.56 Rosalyn Dunlap (Missouri)
 1:18.58 Delisa Walton (Tn)
 1:18.86 Robbin Coleman (Texas)
 1:19.16 +Marcia Tate (Nb/Jam)
 1:20.82 Lee Ann Van Landingham (LSU)
 1:21.81 Ovrill Brown (FlSt)
 1:21.94* Gretchen Grier (Illinois)
 1:22.04* Willis (CAIA)
 1:22.23 Sue Spalholz (Wis)
 1:22.44* Marian Kidd (IndSt)

600 METERS (*=Hand time +0.14)

1:29.94* +Dorien Labelet (Cor/Swi)
 1:29.95 Lorna Forde (Atoms)
 1:30.84* Jeremy Edwards (BUTC)
 1:31.24* +Jo White (Richmond/GB)
 1:31.40 Deann Gutowski (LAM)
 1:31.45 Charlotte Reeves (N.Ariz)
 1:31.74* Diana Richburg (NYHS)
 1:31.87 +Elene Blake (DCInt/Jam)
 1:32.14* Jennifer Whitfield (Vil)
 1:32.39 Cathy Hall (UCTC)

800 METERS (*=Hand time +0.14)

(#=880y -0.70)
 2:03.91# Leann Warren (Oregon)
 2:04.13# Delisa Walton (Tn)
 2:04.81 +Jo White (Richmond/GB)
 2:05.15# Joetta Clark (Tn)
 2:06.94* Lorna Forde (Atoms)
 2:07.01 Diana Richburg (NYHS)
 2:07.74* Regina Jacobs (Stanford)
 2:08.10#@ Robin Campbell (StanTC)
 2:08.59 Sue Spalholz (Wis)
 2:08.85# +Maureen Houghton (Ok/Can)

1000 YARDS (*=Hand time +0.14)

2:26.24* +Jo White (Richmond/GB)
 2:28.86 Cindy Bremser (WisUn)
 2:29.60 Joetta Clark (Tn)
 2:31.12 Tami Essington (Nb)
 2:31.83 Wren Schafer (IowaSt)
 2:32.62 Tara Arnold (Texas)
 2:33.34* Caroline Mitchell (MassHS)
 2:33.50 +Marie Simonsson (Drake/Swe)

2:33.52 Maryann Brunner (Wis)
 2:33.84* Gail Saunders (Mass HS)

1000 METERS (*=Hand time +0.14)

2:45.64* Cindy Bremser (WisUn)
 2:47.24* Maryann Brunner (Wis)
 2:50.52 +Judith Crossdale (BYU/GB)
 2:50.74* Mary Decker (AthWst)
 2:51.74* Chris Curtin (NYHS)
 2:52.14* Sue Spalholz (Wis)
 2:53.54* +Margaret Coomber (FlSt/GB)
 2:54.44* Linda Portasik (Tn)
 2:54.44* Linda Nicholson (Va)
 2:54.54* Patty Thoman (Richmond)

1500 METERS (*=Hand time +0.14)

4:08.32 Mary Decker (AthWst)
 4:16.03 +Jo White (Richmond/GB)
 4:17.46 Jan Merrill (AGAA)
 4:18.79 Francie Larrieu (NBTC)
 4:20.84* Cindy Bremser (WisUn)
 4:21.77 Kathy Hayes (Oregon)
 4:22.36 +Regina Joyce (Un/GB)
 4:23.11 Kellie Cathey (Ok)
 4:23.68 Jenny Stricker (Harvard)



Robbin Coleman, Texas half-miler

ONE MILE (*=Hand time +0.14)

4:20.64* Mary Decker (AthWst)
 4:32.84* Francie Larrieu (NBTC)
 4:32.92 Cathie Twomey (AthWst)
 4:33.25 Cindy Bremser (WisUn)
 4:33.26 Leann Warren (Oregon)
 4:34.00 Joan Hanson (AthWst)
 4:35.06 Maggie Keyes (AthWst)
 4:36.17 Jan Merrill (AGAA)
 4:36.44* +Monica Joyce (SDS/GB)
 4:37.14 Jill Haworth (Va)

METERS (*=Hand timw +0.14)

3000 METERS (*=Hand time +0.14)
 8:47.44* Mary Decker (AthWst)
 9:07.54* Brenda Webb (AthWst)
 9:16.04* Joan Hanson (AthWst)
 9:16.72 Francie Larrieu (NBTC)
 9:18.24* Patty Plumer (Stanford)

9:19.14 Pia Palladino (Gtn)
 9:19.44* Cathie Twomey (AthWst)
 9:21.34* +Regina Joyce (Wash/GB)
 9:23.78 +Lynn Kanuka (SDS/Can)
 9:26.24* *Wendy Van Mierlo (IllSt/Can)

TWO MILES (*=Hand time +0.14)
 9:37.03 Joan Hanson (AthWst)
 9:37.64 Brenda Webb (AthWst)
 9:37.65 Margaret Groos (Un)
 9:44.85 Francie Larrieu (NBTC)
 9:55.71 Lisa Welch (Va)
 9:57.15 Kellie Cathey (Ok)
 10:03.51 Kathy Bryant (Tn)
 10:06.21 Aileen O'Connor (Va)
 10:08.44* +Bernadette Madigan (Ky/GB)
 10:09.82 Lesley Welch (Va)

THREE MILES (*=Hand time +0.14)
 15:28.49 Kellie Cathey (Ok)
 15:58.94* Melanie Weaver (Mich)
 15:59.04* Diana Bussa (MichSt)
 15:59.94 Darien Andreau (FlSt)
 16:01.14* Lisa Larsen (Mich)
 16:02.82 Margaret Davis (IowaSt)
 16:03.04* Jill Washburn (MichSt)
 16:13.14* Mary Walsh (Md)
 16:18.84* +Heather Carmichael (PS/NZ)
 16:22.49 Beth Farmer (Florida)

5000 METERS (*=Hand time +0.14)
 16:13.14* Nan Doak (Iowa)
 16:21.74* Lesley Welch (Va)
 16:23.84* Kathy Bryant (Tn)
 16:25.14* Bird (E.Tenn)
 16:28.24* +Patsy Sharples (Idaho/RSA)
 16:29.84* Campbell (MichSt)
 16:31.74* Martha White (Va)
 16:34.54* Susan Girard (NC St)
 16:37.34* Andrea Marek (Purdue)
 16:39.14* +Bernadette Madigan (Ky/GB)

50y HURDLES (*=Hand time +0.24)
 6.50 Steohanie Hightower (LAN)
 6.59 Candy Young (FarDick)
 6.61 Kim Turner (UTEP)
 6.82 Nancy Roeller (IowaSt)
 6.89 Lori Dinello (Fl)
 6.94 Julie Kauls (Drake)
 7.12 Anne Butler (Drake)
 7.14* Konnie Mackey (ColSt)
 7.18 Cathy Rardin (N.Iowa)
 7.24* Sibbison (Tufts)

50m HURDLES (*=Hand time +0.24)
 7.13 Candy Young (Far-Dic)
 7.21 Lori Dinello (Fl)
 7.24* Tonya Brown (FlSt)
 7.24 Clara Hairston (Auburn)
 7.29 Piper Bressant (Fl)
 7.34* Carol Faison (FlSt)
 7.34* Almetha Roland (FlSt)
 7.39 Sonya Crowther (Un)
 7.42 Rowland (SFJC)
 7.57 Mary Harrington (Un)

60y HURDLES (*=Hand time +0.24)
 7.38 Stephanie Hightower (LAN)
 7.38 Candy Young (Far-Dick)
 7.54 Benita Fitzgerald (Tn)
 7.66 Kim Turner (UTEP)
 7.68 Maureen McGee (LAM)
 7.72 Carol Lewis (Hst)
 7.72 Karen Cannon (Un)
 7.82 Rhonda Blanford (Nb)
 7.87 Sherifa Sanders (Ok)
 7.91 Gayle Watkins (CstAth)
 7.91 Kathy Klaehn (Ky)
 7.91 Loro Dinello (Fl)

60m HURDLES (*=Hand time +0.24)
 8.05 Stephanie Hightower (LAN)
 8.25 Candy Young (Far-Dick)
 8.28 Benita Fitzgerald (Tn)
 8.61 Lorna Russell (Purdue)
 8.64* Kathy Borgwarth (Wis)
 8.65 Cina Tempio (E.Mich)
 8.72 Clara Hairston (Auburn)

8.74 Tonya Lowe (Ky)
 8.77 Judy Thomas (Ky)
 8.79 Losa Jones (TSU)

HIGH JUMP
 6'6 1/4 Coleen Reinstra (WAC)
 6'6 1/4 +Debbie Brill (PCC/Can)
 6'4 Louise Ritter (PCC)
 6'2 1/2 Joni Huntley (PCC)
 6'0 1/2 Yolanda Gibson (Atoms)
 6'0 +Susanne Lorentzen (UTEP/Swe)
 6'0 Ellie Hayden (E.Mich)
 6'0 +Disa Gisladottir (Ala/Ice)
 6'0 Sharon Burrill (Nb)
 6'0 +Charmaine Gale (Ariz/RSA)
 6'0 Sonya Crowther (OreSt)
 6'0 +Maria Betioli (BYU/Bra)

LONG JUMP
 21'11 1/4 Veronica Bell (SCC)
 21' 2 3/4 Carol Lewis (Hst)
 21' 2 1/4 Kethy McMillan (WAC)
 21'10 1/4 Pat Johnson (Wisconsin)
 20'10 1/4 Evaline Hatcher (MorgSt)
 20' 9 1/2 Jeanette Williams (IndSt)
 20' 8 1/2 Kim Schofield (Fl)
 20' 6 +Kelly Wenlock (KanSt/GB)
 20' 3 Pat Miller (Wyoming)
 20' 0 1/2 Donna Thomas (N.Tx.St)

SHOT PUT
 55'11 1/4 +Marita Walton (Md/Ire)
 53'10 1/2 Denise Wood (KnoxTC)
 53' 6 1/2 Elaine Sobansky (Penn St)
 53' 5 1/2 Sandy Burke (NEastern)
 51'11 1/4 Anne McElroy (CSLE)
 51' 7 1/2 +Cecil Hanson (Ok/Nor)
 51' 5 1/4 Nini Davis (St Johns)
 50'11 1/2 +Cindy Crapper (Ky/GB)
 50' 3 Julie Jones (BYU)

PENTATHLON
 4523 Cindy Greiner (OreTC)
 4289 Mary Harrington (Un)
 4170 Nancy Kindig (Nb)
 4143 Sonya Crowther (Un)
 3930 +Marjan Goedhart (Nb/Hol)
 3921 +Myrtle Chester (Tn/Guy)
 3888 Linda Spenst (Missouri)
 3865 Renee Nickles (Ok)
 3685 Juanita Alston (Md)
 3684 Carla Battaglia (Ind)



Pentathlete Mary Harrington (Jeff Johnson photo).

4x220 (*=Hand time +0.14)
 (#=4x200m +0.50)
 1:37.71 Nebraska
 1:38.28 Florida State
 1:38.35# DC International
 1:38.64# UN Las Vegas
 1:39.94* Tennessee State TC
 1:40.22 Temple
 1:40.24 Morgan State
 1:40.44* Kansas
 1:40.52 Ms AC
 1:40.54* Oklahoma

4x440 (*=Hand time +0.14)
 (#=4x400m +1.20)
 3:39.32 Ms AC
 3:40.54 Atoms TC
 3:41.05# Stanford TC
 3:41.94 DC International
 3:43.24* Tennessee State
 3:45.86 Nebraska
 3:45.94 Morgan State
 3:46.34 Texas
 3:46.70 BOHAA
 3:46.99 Temple

4x880 (*=Hand time +0.14)
 (#=4x800m +3.00)
 8:49.82 Wisconsin
 8:55.86 Texas
 8:55.91 Florida State
 8:56.74* Harvard
 8:58.74* Purdue
 8:59.71 Nebraska
 9:01.74*# Virginia
 9:06.14* Penn State
 9:06.44 Michigan State
 9:07.14* Richmond

DISTANCE MEDLEY
 11:19.39 Virginia
 11:26.14 Brigham Young
 11:29.31 Wisconsin
 11:29.54 Iowa
 11:32.75 Missouri
 11:32.96 Penn State
 11:34.24 Iowa State
 11:35.84 North Carolina State
 11:37.53 Richmond
 11:47.87 Georgetown

Please send additions and correction with verification to PO Box 371, Claremont, Ca, 91711.

Report from the European Coaches Conference

By Brent McFarlane, one of Canada's top coaches. Reprinted from "South Africa Athlete".

The world of athletics has just witnessed a prime example of "systems" at work in the Moscow Olympics. Athletes from the DDR, USSR, as well as athletes from England and Italy have shown how a successful system works. I went to Venice looking for some keys to these systems. The following information conveys some of my findings.

...The use of strict systematic training was extremely evident in the preparation by Dostal of Czechoslovakia on the preparation of Olympic silver medalist Jarmila Kratochvilova (coached by Kvac).

"At the time of the Olympics, Jarmila was 29½ years old. She could never be termed talented and her way to the top took eleven years of systematic training." At age 15 Jarmila ran 100m in 13.3 and at age 20, 12.0. In 1972 her best 200m was 25.4.

"World class 400m runners must come from the direction of speed. A woman who is unable to run 200m under 23.0 will not succeed at world level. At the time of the Olympics, Jarmila could run 200m in 22.50 seconds. Special endurance has a deciding role in 400m success. The development of this quality is only possible on the basis of long term systematic preparation where the 'ability to wait' has its role. For testing special endurance on 300m is not sufficient. Only two or three tests over this distance can guarantee performance in the competition.

"The training load needed for a world level performance in 400m runners reaches extreme values of tolerance, both in terms of volume and intensity. The adoption to such a load is only possible by means of long term and purposeful training. The development of strength increases in importance in the preparation of female sprinters with time. Consequently there is a continual growth of muscle mass and total body weight." The point at hand is a 'system at work'. Kratochvilova's Olympic 400m time was 49.46.

...Much of the world seems to be turning away from the conventional methods of strength training such as weights to circuit training. Notably, the DDR women are strong advocates of circuit training. It is very evident that the women in the DDR are coached differently than the men and by event-specific coaches. These coaches have a definite philosophy to pay attention to fine details.

For example, circuit training involves 10 exercises with every other exercise designed for the legs. All leg exercises are called 'specific' while all others are 'general'. Circuits are designed for six week blocks at which time the exercises are changed but not the order. The legs are worked in a number of different ways - jumps, hurdle hops, steps, bounds. Everything is measured and controlled. Weight jackets and weight bags in the hands are used with the women. A great deal of work is done for ankle strength and it should be noted that many women from the DDR wear extra socks to help keep their ankles warm for competition. After most training sessions, athletes take part in wither a prophylaxis session (massage, sauna, swim, relaxation, hydrotherapy) or an autogenic session (relaxation of the mind).

...The world of athletics is devoting much more time to the areas of specialization. Training techniques have become the cornerstone for solving athlete's training problems. Sport, as a competition, has become a way of living and has acquired greater significance. Or has it?

All races must be designed under the best possible conditions. This means that races are run on the fastest track available and run with the wind. It is a waste of time to race under adverse conditions. Racing conditions must be set where variables can be controlled for the benefit of the athlete. The DDR holds very few indoor sprint records. Why? They do very little training on a 200m banked track since they cannot run fast enough. Their special endurance runs are done on a 400m indoor track. They provide the best conditions to run fast when it is most necessary. Last year over 30 sprint competitions were offered in the DDR during the outdoor period with ideal conditions - weather, track, competition, proximity, tail wind, low pressure and controlled scheduling. Under less than ideal conditions results cannot be forthcoming.

..Now that the 400m hurdles for women is in the Olympic Games, we must begin to specialize in this new event." These words were spoken to me by Klaus Wubbenhorst, hurdle coach of the DDR, at the World Championships in Sittard, Netherlands, (August 1980). I had just witnessed three DDR women run under 55.6 seconds in the 400m hurdles to place 1-2-3 against the best in the world. Wubbenhorst, the coach of the famous 1972 100m hurdle Olympic champion Annilie Erhardt, was now turning his attention to the new 400m hurdles for women. I have never forgotten the word 'specialize'. To produce results one must be a specialist coach. To the Europeans this means one event - the 100, 200, 400, 100h or 400h are each a specialist event requiring individualized coaching and specialized preparation.

Tadeusz Szczepanski, National Coach of Poland since 1969, is a 100m hurdle specialist - that's it. In 1980 four Polish 100m hurdlers ran UNDER 12.80 seconds. He has some very definite and specialized drills for the 100m hurdles. "At top speed hurdlers must be able to maintain a high leg frequency (leg turnover) under conditions of relaxation and smoothness. Athletes must learn to relax and not dig in or try too hard. Drills must be developed to teach 'symmetry' about both legs for rapid decision making, rapid adjustments and to allow the legs to know exactly where they are. The legs must be trained very carefully to encounter all parts of the race. Remember that hurdle rhythm is not the same as a flat out sprint since the hurdler never reaches maximum speed. "Szczepanski suggests doing a unique rhythm drill over sticks or 'lathes' placed flat on the ground at distances of 30 to 40 cm apart gradually increasing to 4.0 to 6.0m apart. Stride patterns may vary between 1 stride to 2 or 3 strides between hurdles to work on hurdle 'symmetry'.

...There seems to be a great deal of controversy over the pros and cons of muscle stimulation. Kornrljuk of the USSR made some simple observations about the use of stimulation. "We use the stimulator as a means of rehabilitation when an athlete is injured. It may also be used to aid in developing strength in the feet since this is a difficult area to develop special strength. Stimulation is not specific enough to use during the competitive season and it is easier to develop elastic strength by other means (jumps, bounds, hurdle hops). Wherever possible we select natural exercises for main body parts for our strength program. Since all forces go through the ankles, this area has a very specialized strength program."

...A few things that coaches might consider as 'food to thought'. Athletes from the DDR take a drink 20 minutes before racing. It may be a caffeine drink used as a stimulant. Most Europeans use a very dynamic warmup where exercises are done through a full range of motion and quickly. Very few exercises are static or 'held'. After races and between high intensity repetitions, a great deal of leg shaking is done. Feet are held in the air or placed on a wall and shaken.

The Coach Says (continued)

CYNDY (POOR) JENSEN (Idaho State): "We're looking, basically, toward the outdoor season. We run indoor to have a chance to have some competition, see where we're at, and have the opportunity to run against some quality opponents."

DEBBIE HUNT (Western Michigan): "I think we'll be well represented in every event. We don't have what you would label a superstar, but we have strong competitors in every event, and I think that will be a strength for this team as the season goes on. We're looking for a lot of improvement."

JOHN COCHRANE (Northeast Missouri): "We're continuing to improve."

GUNTHER PADCO (Omy U): "If today was a fish, I'd throw it back."

JOSEPH HENDERSON (Alabama A&M): "We are beginning to stop worrying about who other people are and beginning to establish who we are."

JOHN TUREK (Cal Poly/Pomona): "I am very happy with our improvement as a team."

DAVE WELLS (Humboldt State): "We're tougher this year. We've got more people. We're covering more events this year and doing it with people who may place in the league dual meets. Our distance runners are going to be tough. We're in pretty good shape."

OUTDOOR REPORT

Bakersfield All Comers

Bakersfield, California, February 13:-Not much to get excited about as Bakersfield entertained numerous assorted colleges at this early season All Comers.

RESULTS: LJ, 1-Jewel Lovelady (CSB) 19'5½, 2-Sheila Hicks (CSB) 19'5; HJ, Phyllis Blunston (CSB) 5'9; JT, Beth Rockliffe (Cal Lutheran) 157'0; 4x100, 1-CP/SLO 46.36, 2-CSB 46.61; SP, 1-Sharon Hamilton (CSB) 45'9½, 2-Donna Corley (CSB) 45'3½; 4x200, 1-CP/SLO 1:40.46, 2-CSB 1:43.0; 4x400, SLO 3:51.09.

CCAA Relays

Pomona, California, February 20:-1981 Division II AIAW Championships Cal Poly/San Luis Obispo, completely dominated the CCAA Relays as the outdoor season got under way under sunny skies and 89° temperature. The Mustangs won all six relays and captured everything else except the high jump and shot which went to Cal State Bakersfield, and the javelin won by Cal Poly Pomona. Needless to report, San Luis javelineer Karin Smith did not compete.

RESULTS: 4x100m/4x220/4x880/SpMed/DMed/4x440, Cal Poly/San Luis Obispo 46.85/1:40.25/9:10.85/1:46.4/12:13.7/3:50.75; 5000, Irene Crowley (SLO) 17:20.2, 2-Beth Milewski (CSN) 17:25.0; SP, Sharon Hamilton (CSB) 46'4; 100H, Jan Yarborough (SLO) 14.05; DT, Kahn (SLO) 135'7; Scores, 1-Cal Poly/SLO 99, 2-CS Bakersfield 48, 3-CP/Pomona 25, 4-CS Northridge 23.

Pacific Lutheran Invitational

Tacoma, Washington, February 27:-Double wins by Dottie Meyers and Chris Klausman of Seattle Pacific highlighted the staging of the Pacific Lutheran Invitational to open the outdoor season. Meyers took the 800 and 5000 while Klausman was the best in the 100 and 100 hurdles. There was no scoring.

RESULTS: 5000/800, Dottie Meyers (SP) 17:27.9/2:22.9; 1500, Colleen Calro (PL) 4:49.8; 100/100H, Chris Klausman (SP) 12.9/14.8; 3000, Kristy Purdy (PL) 9:56.9; DT, Karen Hansey (SP) 123'3; SP, Vera Ville (UP) 39'10.

Texas Opener

Austin, Texas, February 27:-University of Texas hosted Baylor, North Texas State, Texas Christian and Abilene Christian to open the 1982 outdoor season and ended up winning eight events on the 16-event card. Top performer of the afternoon was North Texas' AIAW long jump champion Donna Thomas. Thomas won the long jump and 100m hurdles, sped a leg on the winning 4x100 team and grabbed second in the high jump. Robbin Coleman had a fine 2:08.48 win in the 800 for Texas and the Longhorns transfer from Western Kentucky, Lori Kokkola, won the javelin with a good early season toss of 166'2.

RESULTS: LJ, Donna Thomas (NTx) 19'0¼; HJ, 1-Laura Donovan (NTx) 5'6, 2-Donna Thomas (NTx) 5'6; DT, 1-Jo Beth Palmer (Tx) 145'9, 2-Dale Kennedy (Tx) 131'8; JT, 1-Lori Kokkola (Tx) 166'2, 2-Mary Chrobak (Tx) 156'3; 5000, Tracey Wong (Tx) 17:49.48; 4x100, North Texas (Thomas-Whitley-McDonald-Davis) 48.31; 1500, 1-Laurie Taylor (AbC) 4:33.28, 2-Tara Arnold (Tx) 4:33.29; SP, Jo Beth Palmer (Tx) 47'4¼; 400, Donna Sherfield (Tx) 56.32; 100, 1-Susan Shurr (Tx) 11.91, 2-Hollie Denny (Tx) 12.06; 800, 1-Robbin Coleman (Tx) 2:08.48, 2-Tara Arnold (Tx) 2:10.49, 3-Lisa Garner (AbC) 2:12.70; 400H, Melanie Muller (Bay) 62.89; 200, 1-Sharon McDonald (NTx) 24.77, 2-Susan Shurr (Tx) 24.78; 3000, Karen Lambden (AbC) 10:01.60; 4x400, Texas (Sherfield-Walker-Bean-Coleman) 3:49.07.



Off to her best-ever start is Annie McElroy, Cal State Long Beach. Annie has an outdoor mark of 50'6¼ and hit 51'11½ at the TAC Indoor Championships. (Jeff Johnson photo).

Cal Poly Wins at Bakersfield

Bakersfield, California, February 27:-Cal Poly/San Luis Obispo easily took scoring honors in a four-way meet on the fast Bakersfield facility. The home team was next followed by UC Irvine and Cal Poly Pomona.

Jan Yarborough, SLO, had a good early season 13.76 in the 100m hurdles and Debbie Bottomley, now competing for UC Irvine, was a double winner in the 400 and 400 hurdles. Cal Poly dominated the distance events to clinch their victory.

RESULTS: 4x100, 1-CS Bakersfield (Mariano-Lovelady-Gibbs-Gill) 46.30, 2-CP/SLO 46.40; 1500, 1-Amy Harper (SLO) 4:34.50, 2-Irene Crowley (SLO) 4:40.77; 100H, Jan Yarborough (SLO) 13.76; SP, 1-Sharon Hamilton (CSB) 47'5, 2-Griffin (UCI) 46'2½; 400, 1-Debbie Bottomley (UCI) 56.29, 2-VanWarmerdam (SLO) 56.30; 100, 1-Holland (SLO) 11.72, 2-Mallory (SLO) 11.80; 800, 1-Wilkie (UCI) 2:14.30, 2-Douglas (SLO) 2:14.78; LJ, 1-Jewel Lovelady (CSB) 20'2¼, 2-Sheila Nicks (CSB) 19'9, 3-Jan Yarborough (SLO) 19'2¼; HJ, Sue McNeal (SLO) 6'0¼; 400H, 1-Debbie Bottomley (UCI) 61.31, 2-Held (SLO) 63.87; 200, 1-Holland (SLO) 24.61, 2-Mallory (SLO) 24.90; 3000, 1-Carol Gleason (SLO) 9:54.05, 2-Irene Crowley (SLO) 10:00.55; JT, Barnes (Un) 174'7, 2-Rona (Un) 133'5; DT, Kahn (SLO) 138'5; 4x400, 1-CP/SLO 3:49.55, 2-CSB 3:53.10; Scores, 1-CP/SLO 92, 2-CSB 44, 3-UCI 23, 4-CP/P 12.

HIGH SCHOOL TRACK

By Rich Ede

National Records have been a bone of contention for years in girl's high school track and field. The National Federation recognizes only those records set by high school girls representing their high school in a sanctioned meet among 5 or more schools. Despite those restrictions, the Federation carried some impossible records on their books for years, chief of which was their Federation Record for 100 yards listed at 10.3 which was, at that time, the Official IAAF Record and no high school girl had come close - but there it was!

In WTFW we will consider high school records to be those set by high school athletes until August following their graduation. We will attempt to list athletes who COULD represent their school whether or not they, in fact, do.

This kind of criterion leads to some interesting differences between National Federation Records and what we consider High School Bests. In very few cases, (SP, 300 hurdles and relays) do the two lists match. Interestingly, all those marks are held by Californians, and all were set last year at the same facility, Cerritos College. In addition, there are some who claim the Federation Record and yet another better mark as the HS Best. Leslie Deniz in the discus and Kathy McMillan in the long jump for example. The rest of the marks show a wide disparity. Many of the High School Bests date back to the years before high school track per se existed. Franice Larrieu's 1500 mark and Lynn Bjorklund in the 3000 are examples. And Barbara Friedrich threw the javelin 198'8" way back in 1967 but does not find her name on the Federation record list. It seems a pity to ignore very real performances by very real high school athletes.

Here's the lists for comparison:

| Federation Record | | Best HS Mark | |
|-------------------|---------------------|--------------|-----------------------|
| 11.4 | Michele Glover 100m | 11.13 | Chandra Cheeseborough |
| 23.19 | Sherri Howard 200m | 22.77 | Chandra Cheeseborough |
| 53.65 | Denean Howard 400m | 50.90 | Sheila Ingram |
| 2:04.5 | Joetta Clark 800m | 2:01.82 | Kim Gallagher |
| | 1500m | 4:16.8 | Franice Larrieu |
| 4:41.08 | Kim Gallagher Mile | 4:40.7 | Eileen Claugus |
| | 3000m | 9:08.6 | Lynn Bjorklund |
| 13.6 | Carol Lewis 100mH | 12.95 | Candy Young |
| | Kim Turner | | |
| 41.91 | Gayle Kellon 300mH | 41.91 | Gayle Kellon |
| | 400mH | 58.31 | Sandra Farmer |
| 6'1 | Sharon Burrill HJ | 6'2 | Mary Moore |
| 22'1 1/2 | Kathy McMillan LJ | 22'3 | Kathy McMillan |
| 52'4 1/2 | Nat Kaaiawahia SP | 52'4 1/2 | N. Kaaiawahia |
| 172'11 | Leslie Deniz DT | 183'11 | Leslie Deniz |
| 169'10 | Sally Harmon JT | 198' 8 | Barbara Friedrich |
| 40'9 1/2 | Terri Turner TJ | | |

Diane Dixon (Brooklyn Tech) and Maxine Underwood (Brookline, Mass) came into the season with impressive 400m credentials and lost no time in reaffirming their positions. Dixon clocked 1:13.8 for 500m on January 3 at West Point. Underwood answered on January 10 at Dartmouth with 1:13.15. Then on January 24 at Boston, Underwood clocked 53.4 for 440 yards. Also on the 24th, Angela Williams (St. Josephs, Brooklyn) sped 24.3 in the 200 to edge Underwood by two-tenths. And on February 7, Dixon won the 400 at Sherbrooke, Canada, in 54.93. Underwood wrote the final chapter, however, when she won the TAC Championship in Madison Square Garden over 440 yards in 54.55.

Kaleidoscope (Continued)

The Central Michigan University team placed fourth in the Invitational meet at Kalamazoo recently which brought about the following quote from coach Vranda Barclay: "We had some injuries and other mistakes...." Those injuries are always mistakes!....Do school colors match school names? Not usually. Auburn's colors are orange and blue, Bowling Green has orange and brown, Redlands has maroon and gray, Black Hills has green and gold, Sien(n)a is green and gold. Only Brown University plays it straight. Their colors are brown, red and white. And everyone at Colgate uses Crest....We told you that Kellie Cathey runs for Oklahoma and Kathy Kelly does the same for North Dakota State. And Kathy Kelly does it like-



Maxine Underwood, prep indoor star of the year. Underwood won the TAC 440 dash title. (Jeff Johnson photo).

wise for Cal Poly/San Luis Obispo....Arkansas' Jodi Rittenhouse was listed as Jody R. Henhouse by Kansas in their meet results....Best meet of the year? That's easy. USA versus East Germany and Great Britain on July 9-10. At Dresden, unfortunately....We still have a batch of 'Shea's' running now. There's the famous sister act of Julie and Mary plus Marty at Boston, Noreen at Utah State and Chris at Georgetown....The throwing championship of 1981 went to Cindy Crapper of Kentucky with marks of 49'6/164'10/161'4 for a total of 275'8. Next was UCLA's Susie Ray with 265'6 1/2 (49'3 1/2/151'8/164'7) and third was Cecil Hansen of Oklahoma at 259'11 1/4 (53'4 1/4/152'11/152'8). Susie wins the native American title....

Since we're on a name kick this month, we've noticed a lot of 'Jackson's' on the college and club rosters. So far we have listed Roseziner (Morris Brown), Alice (DC Int), Sharon (E.Ill), Deborah (MHYF), Robin (Yale), Gloria (Georgia), Robin (WisUnited), Grace (ALA&M), Lesvia (Temple), Roxanne (CP/P), Reba (Indiana), Antoinette (OSU), Kathy (Iowa), Teresa (CS Hayward) and just plain Jackson from Jackson State. And only ONE runs farther than 200 meters....

And to end the name department, we have here a list of "Double K's". These people with both names beginning with K began getting our attention at the start of the indoor season, and here they are! If your school doesn't have a KK on the squad, you're not 'in':

- | | |
|---------------------------|----------------------------|
| Karyl Kimmel (IllSt) | Kathy Klaehn (Kentucky) |
| Kim Knickerbocker (NC St) | Kathy Kurrus (Boston) |
| Kinga Koveces (Boston) | Katherine King (B&G HS) |
| Karena Klopp (Illinois) | Kathy Knowlton (Ore St) |
| Kim Kelly (Virginia) | Kathy Kelly (ND St) |
| Kippy King (Nb/Omaha) | Kathy Kelly (CP/SLO) |
| Kay Knips (Mankato St) | Kathy Krol (W.Chester St) |
| Kara Kehoe (Pac.Lutheran) | Kathy Kaiser (Mankato St) |
| Karen Knudson (Col.Clg) | Karen Kay (Alabama) |
| Kathy Krause (Richmond) | Kathie Koch (W.Illinois) |
| Karil Kimmel (Ill.St) | Karen Kloog (Wyoming) |
| Karoline King (Karrie TC) | Kathy Kaczor (B.Green) |
| Kathy Kelly (Holy Cross) | Kim Kelley (Florida HS) |
| Kara Kosinski (VOSTC) | Kim Kaiser (N.Iowa) |
| Kelly Karls (Bellevue CC) | Karla Kreuger (Wis/EC) |
| Kathy Krause (Cornell) | Kelly Keene (Central Wash) |

ALL-TIME USA TOP 50

Please send all additions and corrections to WTFW, PO Box 371, Claremont, California 91711. Please send verification of all marks.

100 METERS

| | | |
|-------|-----------------------|----|
| 10.90 | Evelyn Ashford | 81 |
| 11.08 | Wyomia Tyus | 68 |
| 11.08 | Brenda Morehead | 76 |
| 11.12 | Barbara Ferrell | 68 |
| 11.13 | Chandra Cheeseborough | 76 |
| 11.18 | Jeanette Bolden | 81 |
| 11.21 | Alice Brown | 80 |
| 11.23 | Florence Griffith | 81 |
| 11.27 | Iris Davis | 72 |
| 11.30 | Margaret Bailes | 68 |
| 11.30 | Dollie Fleetwood | 80 |
| 11.30 | Lisa Hopkins | 80 |
| 11.31 | Pam Jiles | 76 |
| 11.32 | Karen Hawkins | 79 |
| 11.34 | Sharon Ware | 80 |
| 11.36 | Sharon Moultrie | 80 |
| 11.38 | Renaye Bowen | 76 |
| 11.38 | Jodi Anderson | 80 |
| 11.40 | Jan Smith | 77 |
| 11.41 | Wilma Rudolph | 60 |
| 11.41 | Brenda Finch | 76 |
| 11.42 | Michele Glover | 81 |
| 11.43 | Rosalyn Bryant | 76 |
| 11.43 | Linda Wilson | 79 |
| 11.44 | Benita Fitzgerald | 81 |
| 11.45 | Wanda Hooker | 79 |
| 11.46 | Val Boyer | 79 |
| 11.47 | Sheila Calmese | 78 |
| 11.49 | Edith McGuire | 64 |
| 11.49 | Felicia Dupuch | 80 |
| 11.50 | Janet Brown | 76 |
| 11.50 | Kim Robinson | 77 |
| 11.51 | Sandra Howard | 77 |
| 11.51 | Gwen Loud | 80 |
| 11.51 | Dana DeVan | 81 |
| 11.51 | Stephanie Brown | 81 |
| 11.51 | Jackie Washington | 81 |
| 11.52 | Pam Greene | 80 |
| 11.53 | Felicia Freeman | 81 |
| 11.55 | Michele Matthias | 81 |
| 11.56 | Stephanie Hightower | 78 |
| 11.56 | Kelia Bolton | 80 |
| 11.56 | Darlene Jefferson | 80 |
| 11.56 | Lori Green-Jones | 81 |
| 11.56 | Angel Doyle | 81 |
| 11.56 | Ada Hay | 81 |
| 11.56 | Valerie Briscoe | 81 |

200 METERS (*=Hand time +0.24)

| | | |
|-------|-----------------------|----|
| 21.83 | Evelyn Ashford | 79 |
| 22.38 | Brenda Morehead | 80 |
| 22.65 | Chandra Cheeseborough | 81 |
| 22.78 | Karen Hawkins | 80 |
| 22.81 | Pam Jiles | 75 |
| 22.81 | Florence Griffith | 81 |
| 22.87 | Barbara Ferrell | 68 |
| 22.95 | Margaret Bailes | 68 |
| 22.96 | Debra Armstrong | 76 |
| 23.03 | Gwen Gardner | 79 |
| 23.05 | Edith McGuire | 64 |
| 23.05 | Rosalyn Bryant | 76 |
| 23.08 | Wyomia Tyus | 68 |
| 23.08 | Jackie Thompson | 73 |
| 23.13 | Lisa Hopkins | 80 |
| 23.16 | Valerie Briscoe | 79 |
| 23.19 | Sherri Howard | 80 |
| 23.20 | Yolanda Rich | 79 |
| 23.22 | Gwen Smith | 76 |
| 23.22 | Benita Fitzgerald | 81 |

| | | |
|--------|------------------|----|
| 23.24* | La Shon Nedd | 81 |
| 23.27 | Gwen Loud | 79 |
| 23.28 | Alice Brown | 80 |
| 23.31 | Renaye Bowen | 77 |
| 23.34* | Sandra Howard | 81 |
| 23.36 | Val Boyer | 80 |
| 23.39 | Angel Doyle | 80 |
| 23.40 | Denean Howard | 81 |
| 23.41 | Freida Cobbs | 79 |
| 23.44 | Pat Dunlap | 79 |
| 23.44* | Alice Jackson | 81 |
| 23.46 | Liz Young | 78 |
| 23.49 | Lori Green-Jones | 79 |
| 23.50 | Kelia Bolton | 79 |
| 23.52 | Stephanie Brown | 78 |
| 23.52 | Wanda Hooker | 80 |
| 23.53 | Jeanine Brown | 81 |
| 23.53 | Deandra Carney | 81 |
| 23.54* | Linda Weekly | 81 |
| 23.54* | Lorna Forde | 81 |
| 23.56 | Gayle Butler | 77 |
| 23.56 | Randy Givens | 80 |
| 23.57 | Sharon Dabney | 77 |
| 23.58 | Sheila Calmese | 78 |
| 23.59 | Pam Greene | 80 |
| 23.60 | Brenda Gulledda | 80 |
| 23.62 | Sharon Ware | 80 |
| 23.62 | Michele Matthias | 81 |
| 23.64 | Elaine Parker | 80 |
| 23.64* | Tara Mastin | 81 |

400 METERS (*=Hand time +0.14)

| | | |
|--------|-------------------|----|
| 50.62 | Rosalyn Bryant | 76 |
| 50.90 | Sheila Ingram | 76 |
| 51.09 | Sherri Howard | 79 |
| 51.11 | Patricia Jackson | 78 |
| 51.23 | Debra Sapenter | 76 |
| 51.31 | Sharon Dabney | 78 |
| 51.45 | Erica Harris | 81 |
| 51.57 | Evelyn Ashford | 79 |
| 51.59 | Gwen Gardner | 80 |
| 51.64 | Kathy Hammond | 72 |
| 51.65 | Denean Howard | 81 |
| 51.91 | Mable Ferguson | 72 |
| 51.94 | Jeanne Gorham | 79 |
| 52.08 | Valaire Briscoe | 79 |
| 52.19 | Yolanda Rich | 80 |
| 52.34* | Shirley Williams | 76 |
| 52.34 | Roberta Belle | 80 |
| 52.34* | Robbin Coleman | 81 |
| 52.35 | Robin Campbell | 80 |
| 52.49 | Arlise Emerson | 81 |
| 52.50 | Madeline Manning | 81 |
| 52.52 | Essie Kelley | 78 |
| 52.64 | Pam Jiles | 77 |
| 52.64 | Delisa Walton | 81 |
| 52.72 | Debra Armstrong | 78 |
| 52.72 | Alice Jackson | 80 |
| 52.73 | Kim Thomas | 78 |
| 52.73 | Easter Gabriel | 78 |
| 52.76 | Edna Brown | 77 |
| 52.79 | Jarvis Scott | 68 |
| 52.87 | Lorna Forde | 81 |
| 52.90 | Marian Franklin | 80 |
| 53.01 | Pam Moore | 81 |
| 53.05 | Gwen Murray | 79 |
| 53.05 | Maxine Underwood | 81 |
| 53.07 | Kathy Weston | 77 |
| 53.08 | Pam Rodgers | 79 |
| 53.08 | Kelia Bolton | 81 |
| 53.11 | Angela Wright | 81 |
| 53.12 | Freida Cobbs | 78 |
| 53.19 | Arthurene Gainer | 76 |
| 53.28 | Veronica Williams | 76 |
| 53.30 | Liz Young | 79 |
| 53.34 | Golden | 80 |
| 53.39 | Deann Gutowski | 80 |

| | | |
|-------|----------------|----|
| 53.42 | Brenda Finch | 78 |
| 53.49 | Brenda Cliette | 81 |
| 53.50 | Gwen Norman | 76 |
| 53.51 | Faye Paige | 80 |

800 METERS (*=Hand time +0.14)

| | | |
|----------|------------------|----|
| 1:57.90 | Madeline Manning | 76 |
| 1:59.12 | Mary Decker | 80 |
| 1:59.63 | Leann Warren | 81 |
| 1:59.91 | Wendy Knudson | 76 |
| 2:00.15 | Cyndy Poor | 76 |
| 2:00.22 | Francie Larriue | 76 |
| 2:00.73 | Kathy Weston | 76 |
| 2:00.94* | Julie Brown | 77 |
| 2:01.02 | Robin Campbell | 81 |
| 2:01.14* | Essie Kelly | 78 |
| 2:01.39 | Delisa Walton | 81 |
| 2:01.82 | Kim Gallagher | 81 |
| 2:02.14* | Ruth Caldwell | 78 |
| 2:02.34* | Doris Brown | 68 |
| 2:02.67 | Lee Ballenger | 81 |
| 2:02.94* | Jan Merrill | 77 |
| 2:02.94* | Chris Mullen | 79 |
| 2:03.14* | Cheryl Toussaint | 75 |
| 2:03.45 | Joetta Clark | 81 |
| 2:03.84* | Debbie Vetter | 77 |
| 2:03.84* | Sue Latter | 79 |
| 2:04.04* | Charlotte Cooke | 66 |
| 2:04.24* | Susan Vigil | 79 |
| 2:04.54* | Terry Crawford | 72 |
| 2:04.54* | Kathy Hall | 75 |
| 2:04.54* | Liane Swegle | 76 |
| 2:04.54* | Ann Regan | 77 |
| 2:04.64* | Jarvis Scott | 68 |
| 2:04.64* | Nancy Shafer | 69 |
| 2:04.74* | Francie Kraker | 70 |
| 2:04.74* | Marcia Romesser | 78 |
| 2:04.74* | Darlene Beckford | 79 |
| 2:04.84* | Karel Jones | 78 |
| 2:04.84* | Deanna Coleman | 79 |
| 2:04.97 | Brenda Peterson | 81 |
| 2:05.14* | Debbie Heald | 78 |
| 2:05.24* | Johanna Forman | 77 |
| 2:05.24* | Dana Glidden | 79 |
| 2:05.44* | Teri Williams | 78 |
| 2:05.44* | Diane Ray | 80 |
| 2:05.64* | Linda Goen | 77 |
| 2:05.68 | Diane Richburg | 81 |
| 2:05.74* | Debbie Scott | 77 |
| 2:05.84* | Robin Blaine | 78 |
| 2:05.84* | Renie Durrand | 80 |
| 2:05.84 | Jessica Spies | 81 |
| 2:05.93 | Cynthia Warner | 80 |
| 2:06.01 | Donna Curtis | 81 |
| 2:06.13 | Minnie McPhatter | 80 |
| 2:06.14* | Lynn Hollins | 76 |
| 2:06.14* | Radious Jacobs | 80 |

1500 METERS (*=Hand time +0.14)

| | | |
|----------|------------------|----|
| 3:59.43 | Mary Decker | 80 |
| 4:02.61 | Jan Merrill | 76 |
| 4:05.24* | Francie Larriue | 76 |
| 4:06.54* | Julie Brown | 79 |
| 4:06.83 | Cyndy Poor | 76 |
| 4:08.26 | Cindy Bremser | 76 |
| 4:09.32 | Leann Warren | 81 |
| 4:10.88 | Debbie Heald | 78 |
| 4:11.96 | Cathie Twomey | 81 |
| 4:12.09 | Joan Hanson | 81 |
| 4:12.84* | Judy Graham | 77 |
| 4:12.76 | Francie Kraker | 72 |
| 4:12.94* | Brenda Webb | 80 |
| 4:13.04* | Linda Goen | 80 |
| 4:13.24* | Debbie Vetter | 77 |
| 4:13.33 | Maggie Keyes | 81 |
| 4:14.04 | Madeline Manning | 80 |
| 4:14.74* | Doris Brown | 71 |
| 4:15.74* | Doreen Ennis | 77 |
| 4:16.14* | Ruth Caldwell | 76 |

All-Time USA Top 50

| | | |
|----------|------------------|----|
| 4:16.74* | Margaret Groos | 81 |
| 4:17.05 | Mary Rawe | 81 |
| 4:17.24* | Suzie Houston | 79 |
| 4:17.44* | Kate Keyes | 75 |
| 4:17.58 | Alice Trumbly | 80 |
| 4:17.94 | Michele Bush | 81 |
| 4:18.24* | Lynn Jennings | 77 |
| 4:18.24* | Chris Mullen | 80 |
| 4:18.76 | Sheila Ralston | 81 |
| 4:18.84* | Kim Neall | 79 |
| 4:19.04* | Kathy Gibbons | 72 |
| 4:19.04* | Cherri Williams | 79 |
| 4:19.54* | Rene Urish | 77 |
| 4:19.74* | Darlene Beckford | 79 |
| 4:19.77 | Kim Gallagher | 81 |
| 4:19.83 | Patty Murnane | 81 |
| 4:20.04 | Debbie Eide | 81 |
| 4:20.24* | Cindy Schmandt | 81 |
| 4:20.44* | Marcia Romesser | 79 |
| 4:20.74 | Jill Haworth | 81 |
| 4:20.94* | Diane Vetter | 78 |
| 4:21.04* | Linda Portasik | 80 |
| 4:21.14* | Vickie Cook | 81 |
| 4:21.24* | Robin Campbell | 75 |
| 4:21.24* | Michelle Brown | 80 |
| 4:21.32 | Sande Cullinane | 81 |
| 4:21.44* | Teri Anderson | 76 |
| 4:21.44* | Joan Corbin | 79 |
| 4:21.44* | Suzanne Girard | 81 |
| 4:21.64* | Eileen Claugus | 72 |

ONE MILE (*=Hand time +0.14)

| | | |
|----------|------------------|----|
| 4:21.68 | Mary Decker | 80 |
| 4:27.52 | Francie Larrieu | 79 |
| 4:28.23 | Jan Merrill | 79 |
| 4:30.23 | Julie Brown | 80 |
| 4:30.36 | Leann Warren | 81 |
| 4:31.02 | Debbie Heald | 78 |
| 4:31.57 | Cindy Bremser | 78 |
| 4:32.27 | Brenda Webb | 81 |
| 4:32.61 | Joan Hanson | 81 |
| 4:33.12 | Maggie Keyes | 81 |
| 4:36.84* | Michele Bush | 81 |
| 4:38.14* | Debra Pavik | 80 |
| 4:38.28 | Kate Keyes | 78 |
| 4:39.14* | Lynn Jennings | 78 |
| 4:39.44* | Linda Goen | 81 |
| 4:39.74* | Doris Brown | 71 |
| 4:40.04* | Darlene Beckford | 80 |
| 4:40.64* | Kathy Gibbons | 73 |
| 4:40.84* | Eileen Claugus | 73 |
| 4:41.14* | Jennifer White | 80 |
| 4:41.44* | Judy Graham | 77 |
| 4:41.44 | Mary Rawe | 80 |
| 4:41.54* | Cheri Williams | 79 |
| 4:41.74* | Teri Anderson | 72 |
| 4:41.94* | Vickie Cook | 81 |
| 4:42.64* | Francie Kraker | 71 |
| 4:42.64* | Suzie Houston | 80 |
| 4:42.74* | Deanna Coleman | 78 |
| 4:42.74* | Ceci Hopp | 81 |
| 4:42.84* | Kim Gallagher | 81 |
| 4:43.24* | Julie Shea | 77 |
| 4:43.64* | Ann Henderson | 78 |
| 4:44.08 | Polly Plumer | 81 |
| 4:44.44* | Cyndy Poor | 79 |
| 4:44.54* | Charlotte Lettis | 78 |
| 4:44.74* | Joan Benoit | 79 |
| 4:44.75 | Margaret Groos | 80 |
| 4:44.84* | Ellen Schmidt | 79 |
| 4:44.84* | Sheila Ralston | 81 |
| 4:44.84* | Diana Richburg | 81 |
| 4:45.44* | Debbie Quatier | 74 |
| 4:45.64* | Peg Neppel | 75 |
| 4:46.14* | Mary Shea | 79 |
| 4:46.43 | Tracy Weber | 81 |
| 4:46.54* | Liane Swegle | 77 |
| 4:46.63 | Lisa Welch | 81 |

| | | |
|----------|-----------------|----|
| 4:46.74* | Aileen O'Connor | 79 |
| 4:46.94* | Kim Neall | 79 |
| 4:46.99 | Sande Cullinane | 81 |
| 4:47.02 | Patty Murnane | 81 |

3000 METERS (*=Hand time +0.14)

| | | |
|----------|------------------|----|
| 8:38.73 | Mary Decker | 80 |
| 8:42.74* | Jan Merrill | 78 |
| 8:51.03 | Francie Larrieu | 79 |
| 8:55.35 | Cindy Bremser | 81 |
| 8:58.27 | Julie Brown | 79 |
| 9:02.64* | Brenda Webb | 80 |
| 9:02.71 | Joan Benoit | 79 |
| 9:02.74* | Julie Shea | 80 |
| 9:03.04* | Mary Shea | 80 |
| 9:03.31 | Kathy Mills | 78 |
| 9:03.64* | Joan Hanson | 81 |
| 9:03.88 | Cathy Twomey | 81 |
| 9:07.74* | Margaret Groos | 79 |
| 9:08.74* | Lynn Bjorklund | 75 |
| 9:09.65 | Maggie Keyes | 81 |
| 9:09.74* | Betty Springs | 81 |
| 9:12.84* | Sue Kinsey | 78 |
| 9:17.54* | Peg Neppel | 75 |
| 9:18.34* | Aileen O'Connor | 81 |
| 9:18.74* | Car l Cook | 77 |
| 9:19.14* | Kris Banks | 78 |
| 9:19.44* | Ellison Goodall | 78 |
| 9:19.50 | Carol Urish | 81 |
| 9:19.67 | Kim Gallagher | 81 |
| 9:19.74* | Teri Anderson | 76 |
| 9:20.08 | Debbie Eide | 81 |
| 9:21.14* | Ceci Hopp | 81 |
| 9:21.67 | Judi St. Hilaire | 81 |
| 9:22.44* | Vickie Cook | 81 |
| 9:23.04* | Eryn Forbes | 81 |
| 9:24.04* | Kathy Mintie | 79 |
| 9:23.74* | Sue Girard | 81 |
| 9:24.04 | Cindy Duarte | 81 |
| 9:24.24* | Cyndy Poor | 75 |
| 9:25.24* | Molly Morton | 79 |
| 9:25.94 | Leann Warren | 81 |
| 9:26.04* | Cindy Schmandt | 81 |
| 9:26.34* | Sande Cullinane | 81 |
| 9:26.49 | Connie Case | 81 |
| 9:26.54* | Jody Parker | 79 |
| 9:26.74* | Kate Keyes | 75 |
| 9:26.94* | Linda Portasik | 81 |
| 9:27.04* | Patty Catalano | 80 |
| 9:27.14* | Sue Schsefer | 78 |
| 9:27.24* | Sue Overby | 81 |
| 9:27.24* | Kim Dunlap | 81 |
| 9:27.24* | Lesley Welch | 81 |
| 9:27.44* | Patty Matava | 81 |
| 9:27.54* | Dia Elliman | 79 |

TWO MILES (*=Hand time +0.14)

| | | |
|-----------|-----------------|----|
| 9:49.74* | Jan Merrill | 78 |
| 9:56.34* | Julie Shea | 78 |
| 10:01.34* | Ellison Goodall | 78 |
| 10:02.94* | Francie Larrieu | 73 |
| 10:03.64* | Mary Shea | 79 |
| 10:06.74* | Diane Barrett | 77 |
| 10:07.14* | Doris Brown | 71 |
| 10:07.14* | Judy Graham | 74 |
| 10:07.34* | Debbie Heald | 77 |
| 10:09.94* | Cheri Williams | 78 |
| 10:10.34* | Teri Anderson | 74 |
| 10:11.24* | Lynn Bjorklund | 74 |
| 10:11.34* | Julie Brown | 75 |
| 10:11.84* | Peg Neppel | 75 |
| 10:11.94* | Clare Choate | 74 |
| 10:12.64* | Kate Keyes | 75 |
| 10:14.14* | Ann Henderson | 79 |
| 10:15.64* | Martha White | 78 |
| 10:16.14* | Michele Bush | 81 |
| 10:17.34* | Betty Springs | 79 |

| | | |
|-----------|------------------|----|
| 10:17.44* | Aileen O'Connor | 78 |
| 10:18.54* | Vickie Cook | 80 |
| 10:19.24* | Patty Matava | 81 |
| 10:19.54* | Eileen Claugus | 73 |
| 10:19.96 | Linda Goen | 81 |
| 10:23.74* | Susie Meek | 78 |
| 10:24.24* | Karla Erickson | 81 |
| 10:24.82 | Lori Lopez | 81 |
| 10:25.44* | Carol Cook | 75 |
| 10:25.54* | Irene Griffith | 77 |
| 10:26.11 | Lois Brommer | 81 |
| 10:26.64* | Marlene Harewicz | 74 |
| 10:28.14* | Jackie Hansen | 75 |
| 10:28.54* | Laura Craven | 81 |
| 10:28.64* | Sue Schaeffer | 77 |
| 10:30.14* | Debbie Quatier | 76 |

5000 METERS (*=Hand time +0.14)

| | | |
|-----------|-------------------|----|
| 15:30.74* | Jan Merrill | 80 |
| 15:35.52 | Kathy Mills | 78 |
| 15:39.49 | Cathie Twomey | 81 |
| 15:41.28 | Julie Shea | 80 |
| 15:41.74* | Peg Neppel | 76 |
| 15:42.61 | Brenda Webb | 81 |
| 15:43.08 | Joan Benoit | 79 |
| 15:43.54* | Julie Brown | 74 |
| 15:47.84* | Cindy Bremser | 79 |
| 15:47.84* | Chris Ramirez | 79 |
| 15:49.37 | Kathy Mintie | 81 |
| 15:50.64* | Mary Shea | 81 |
| 15:51.64 | Margaret Groos | 80 |
| 15:52.64 | Betty Springs | 81 |
| 15:57.14* | Teri Anderson | 77 |
| 16:00.54* | Sue Kinsey | 78 |
| 16:02.34* | Ellison Goodall | 78 |
| 16:03.74* | Judi St. Hilaire | 80 |
| 16:04.87 | Eileen Hornberger | 80 |
| 16:06.04* | Sue Schafer | 78 |
| 16:07.07 | Eryn Forbes | 81 |
| 16:07.44* | Kim Schnurpfeil | 81 |
| 16:09.02 | Joan Hanson | 81 |
| 16:09.44* | Debbie Eide | 81 |
| 16:09.83 | Carol Urish | 81 |
| 16:10.64* | Rocky Racette | 80 |
| 16:12.14* | Kris Bankes | 78 |
| 16:12.70 | ana Gathje | 80 |
| 16:15.89 | Peggy Cleary | 80 |
| 16:14.24* | Carol Cook | 77 |
| 16:14.34* | Patty Catalan | 81 |
| 16:16.34* | Debbie Quatier | 78 |
| 16:16.40 | Kelly Spatz | 81 |
| 16:17.37 | Kellie Cathey | 81 |
| 16:17.65 | Mary Walsh | 80 |
| 16:18.44* | Molly Morton | 79 |
| 16:20.72 | Nan Doak | 81 |
| 16:23.44* | Mary Beth Spencer | 77 |
| 16:23.94* | Ellen Lyons | 81 |
| 16:24.14* | Suzanne Richter | 79 |
| 16:24.49 | Jill Washburn | 81 |
| 16:26.94* | Jan Oehm | 79 |
| 16:27.34* | Linda Goen | 81 |
| 16:28.11 | Lynn Hjelte | 80 |
| 16:29.14* | Nancy Konz | 81 |
| 16:29.24* | Cindy Duarte | 81 |
| 16:29.44* | Karen Bridges | 77 |
| 16:30.36 | Ann Mulrooney | 80 |
| 16:31.44* | Ruth Hamilton | 80 |
| 16:31.54* | Marjorie Kaput | 81 |
| 15:35.34* | Kathy Mills | 78 |
| 15:37.14* | Jan Merrill | 77 |
| 15:41.74* | Peg Neppel | 76 |
| 15:42.61 | Brenda Webb | 81 |
| 15:43.54* | Julie Brown | 74 |
| 15:49.37 | Kathie Mintie | 81 |
| 15:57.14* | Teri Anderson | 77 |
| 16:00.54* | Sue Kinsey | 78 |
| 16:03.44* | Carol Cook | 76 |
| 16:04.14* | Judy Graham | 75 |

THREE MILES (*=Hand time +0.14)

| | | |
|-----------|-----------------|----|
| 16:07.44* | Kim Schnurpfeil | 81 |
| 16:10.74* | Julie Shea | 78 |
| 16:12.14* | Kris Bankes | 78 |
| 16:12.34* | Clare Choate | 74 |
| 16:15.74* | Debbie Quatier | 74 |
| 16:16.74* | Cathie Twomey | 81 |
| 16:16.94* | Karen Cramond | 76 |
| 16:21.64* | Eryn Forbes | 81 |
| 16:30.14* | Debbie Eide | 81 |
| 16:31.54* | Marjorie Kaput | 81 |
| 16:35.14* | Kathy Bryant | 81 |
| 16:36.24* | Lynn Morin | 76 |
| 16:39.22 | Kellie Cathey | 81 |
| 16:42.14* | Jackie Hansen | 75 |
| 16:44.17 | Carol Urish | 81 |
| 16:47.54* | Tena Anex | 77 |

10000 METERS (*=Hand time +0.14)

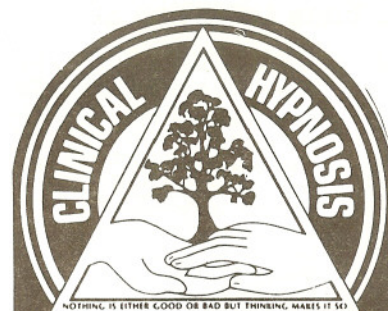
| | | |
|-----------|-------------------|----|
| 32:52.64* | Mary Shea | 79 |
| 32:52.84* | Joan Benoit | 79 |
| 33:02.32 | Julie Shea | 80 |
| 33:03.32 | Betty Springs | 80 |
| 33:11.54* | Patty Catalano | 81 |
| 33:15.09 | Peg Nepel | 77 |
| 33:15.74* | Nancy Konz | 81 |
| 33:17.94* | Judi St. Hilaire | 81 |
| 33:28.20 | Aileen O'Connor | 81 |
| 33:33.08 | Carol Urish | 80 |
| 33:37.41 | Ellen Hart | 80 |
| 33:40.34* | Ellison Goodall | 78 |
| 33:42.84* | Sue Kinsey | 78 |
| 33:45.74* | Kris Bankes | 80 |
| 33:48.49 | Anne Sullivan | 80 |
| 33:55.59 | Jan Oehm | 80 |
| 33:55.94* | Eryn Forbes | 81 |
| 34:04.84* | Letha Davis | 81 |
| 34:05.60 | Beth Sheridan | 80 |
| 34:05.74* | Jill Molen | 80 |
| 34:10.64* | Ellen Lyons | 81 |
| 34:13.88 | Mary Walsh | 81 |
| 34:17.44* | Karen Bridges | 78 |
| 34:19.54* | Debbie Eide | 80 |
| 34:19.64* | Julie Brown | 77 |
| 34:22.94* | Michelle Aubuchon | 80 |
| 34:24.14* | Amy Laffoon | 79 |
| 34:24.07 | Peggy Cleary | 80 |
| 34:26.64* | Maria Trujillo | 81 |
| 34:27.44* | Karen Fitz | 79 |
| 34:27.59 | Nancy Seeger | 80 |
| 34:28.34* | Laurie Binder | 80 |
| 34:28.64* | Molly Morton | 79 |
| 34:31.54* | Barbara Sabitus | 80 |
| 34:33.34* | Maria Tilman | 80 |
| 34:36.14* | Sally Zook | 80 |
| 34:36.52 | Jill Washburn | 81 |
| 34:37.52 | Mary Stepka | 81 |
| 34:38.40 | Melanie Weaver | 81 |
| 34:39.44* | Kim Schnurpfeil | 81 |
| 34:40.23 | Nan Doak | 81 |
| 34:40.34* | Linda Heinmiller | 79 |
| 34:42.74* | Darien Andreau | 81 |
| 34:44.54* | Pat Reisdorfer | 80 |
| 34:45.34* | Kellie Cathey | 81 |
| 34:48.14* | Karen Fitz | 80 |
| 34:48.34* | Lesley Welch | 81 |
| 34:49.24* | Judith McCreary | 80 |
| 34:52.84* | Jeneen Hill | 79 |
| 34:53.44* | Michelle Bush | 81 |

MARATHON

| | | |
|----------|------------------|----|
| 2:27:51 | Patty Catalano | 81 |
| 2:30:12 | Julie Shea | 81 |
| 2:30:16 | Joan Benoit | 81 |
| 2:33:40 | Julie Brown | 81 |
| 2:34:48 | Nancy Konz | 81 |
| 2:34:59 | Laura DeWald | 82 |
| 2:35:19 | Laura Binder | 81 |
| 2:35:40 | Jan Yerkes | 81 |
| 2:36:47 | Janice Horns | 81 |
| 2:36:55 | Kiki Sweigart | 81 |
| 2:37:57 | Kim Merritt | 77 |
| 2:38:03 | Lorrie Dierdorff | 81 |
| 2:38:19 | Jackie Hansen | 75 |
| 2:38:20 | Jane Wipf | 81 |
| 2:38:26 | Julie Ipshording | 81 |
| 2:38:30 | Kellie Cathey | 81 |
| 2:38:50 | Sue Krenn | 79 |
| 2:39:08 | Michelle Bush | 81 |
| 2:39:11 | Miki Gorman | 76 |
| 2:39:37 | Eileen Claugus | 81 |
| 2:39:40 | Sarah Quinn | 82 |
| 2:39:48 | Gail Volk | 79 |
| 2:40:48 | Nancy Mieszczyk | 81 |
| 2:40:59 | Doreen Ennis | 81 |
| 2:41:01 | Martha Cooksey | 81 |
| 2:41:04 | Jennifer White | 80 |
| 2:41:07w | Jane Welzel | 80 |
| 2:41:10 | Elizabeth Berry | 78 |
| 2:41:13 | Martha Sartain | 80 |
| 2:41:44 | Beth Guerin | 80 |
| 2:41:44 | Jane Buch | 81 |
| 2:41:47 | Celia Peterson | 78 |
| 2:41:50 | Kathleen Samet | 80 |
| 2:41:50 | Karlene Erickson | 81 |
| 2:41:52 | Karen Fitz | 80 |
| 2:42:08 | Sue Kinsey | 79 |
| 2:42:15 | Shirley Duetschi | 80 |
| 2:42:23 | Ellison Goodall | 80 |
| 2:42:26 | Kathleen Molitor | 81 |
| 2:42:42 | Sally Strauss | 81 |
| 2:42:44 | Sue Peterson | 78 |
| 2:42:45 | Anne Sullivan | 80 |
| 2:42:47 | Janice Ettie | 81 |
| 2:42:59 | Toni Bernhard | 81 |
| 2:43:00 | Heike Skaden | 81 |
| 2:43:00 | Linda Edgar | 81 |
| 2:43:04 | Donna Burge | 81 |
| 2:43:08 | Carol Cook | 81 |
| 2:43:16 | Jane Robinson | 80 |
| 2:43:20 | Jane Dahlkoetter | 80 |

100m HURDLES (*=Hand time +0.24)

| | | |
|--------|----------------------|----|
| 12.86 | Deby LaPlante | 79 |
| 12.90 | Stephanie Hightower | 80 |
| 12.95 | Candy Young | 79 |
| 13.10 | Benita Fitzgerald | 81 |
| 13.14 | Patty Van Wolvelaere | 78 |
| 13.18 | Jackie Washington | 81 |
| 13.25 | Jane Frederick | 78 |
| 13.34 | Mamie Rallins | 72 |
| 13.34* | Linda Weekly | 81 |
| 13.36 | Lori Dinello | 81 |
| 13.38 | Kim Turner | 81 |
| 13.47 | Karen Wechsler | 80 |
| 13.47 | Brenda Calhoun | 81 |
| 13.48 | Pam Page | 80 |
| 13.50 | Sonya Hardy | 76 |
| 13.50 | Mary Smith | 78 |
| 13.52 | Pat Donnelly | 76 |
| 13.53 | Rhonda Brady | 78 |
| 13.54* | Gayle Watkins | 81 |
| 13.62 | Jodi Anderson | 79 |
| 13.64 | Gayle Harris | 78 |
| 13.64* | Linda Bourn | 81 |
| 13.64* | Karen Holmes | 81 |
| 13.66 | Gwen Poss | 81 |
| 13.67 | Lexie Miller | 81 |
| 13.67 | Clara Hairston | 81 |
| 13.69 | Mitzi McMillan | 78 |
| 13.69 | Maureen McGee | 81 |



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All-Time USA Top 50

| | | |
|--------|--------------------|----|
| 13.71 | Debbie Deutsch | 80 |
| 13.72 | Rene Felton | 81 |
| 13.73 | Carol Lewis | 81 |
| 13.74* | Kim Willis | 81 |
| 13.75 | Lisa Gourdine | 80 |
| 13.76 | Kris Costello | 81 |
| 13.77 | Marilyn Linsemeyer | 76 |
| 13.77 | Kay Garnett | 79 |
| 13.78 | Lacey O'Neal | 72 |
| 13.79* | Sherry Ballew | 80 |
| 13.79 | Kelly Mathews | 81 |
| 13.82 | Linda Waltman | 80 |
| 13.83 | Marlene Harmon | 80 |
| 13.84 | Carol Thomson | 76 |
| 13.84 | Lori Lowrey | 80 |
| 13.84 | Delores Gibbs | 81 |
| 13.84* | Tonya Brown | 81 |
| 13.86 | Cheryll Hawthorne | 80 |
| 13.87 | Mary Ayers | 76 |
| 13.87 | Alicia Sweeney | 81 |
| 13.89 | Coleen Reinstra | 80 |
| 13.90 | Robin Marks | 81 |

400m HURDLES (*=Hand time +0.14)

| | | |
|--------|--------------------|----|
| 56.16 | Esther Mahr | 80 |
| 56.38 | Sandy Myers | 81 |
| 56.61 | Mary Ayers | 77 |
| 56.63 | Debbie Esser | 79 |
| 57.10 | Tammy Etienne | 81 |
| 57.24 | Arthurine Gainer | 76 |
| 57.24 | Robin Marks | 81 |
| 57.28 | Edna Brown | 81 |
| 57.34* | Kim Whitehead | 80 |
| 57.53 | Tonya Brown | 81 |
| 57.82 | Lexie Miller | 81 |
| 58.33 | Debra Melrose | 79 |
| 58.44* | Vivian Scruggs | 81 |
| 58.46 | Stephanie Vega | 81 |
| 58.54* | Brenda Chambers | 80 |
| 58.56 | Tracy Nelson | 81 |
| 58.62 | Clydine Crowder | 76 |
| 58.62 | Denise Waddy | 78 |
| 58.64 | Rachel Clary | 81 |
| 58.66 | Sandra Souza | 77 |
| 58.70 | Collette Winlock | 78 |
| 58.75 | Ellen Smith | 81 |
| 58.77 | Marlene Harmon | 80 |
| 58.84 | Vata Allen | 81 |
| 58.86 | Michelle Hawthorne | 79 |
| 58.89 | Karen Taylor | 81 |
| 58.97 | Teri Seipel | 80 |
| 59.03 | Jill Lancaster | 81 |
| 59.07 | Christine Crowther | 79 |
| 59.07 | Betsy Baymiller | 81 |
| 59.10 | Sally Anderson | 81 |
| 59.13 | Cathy Gebhards | 79 |
| 59.15 | Patty Mannies | 79 |
| 59.18 | Chris Davenport | 81 |
| 59.19 | Peach Payne | 80 |
| 59.20* | Tracy Finley | 80 |
| 59.22 | Debbie Dacosta | 81 |
| 59.24* | Wendy Knudson | 73 |
| 59.27 | Teri Wierson | 76 |
| 59.29 | Almetha Roland | 81 |
| 59.30 | Margaret Demorest | 81 |
| 59.44 | Gayle Kellon | 81 |
| 59.49 | Judy Brown | 81 |
| 59.53 | Carol Humphries | 80 |
| 59.55 | Debra McLendon | 80 |
| 59.89 | Pat Melton | 81 |
| 59.90 | Jodi Anderson | 77 |
| 59.96 | Colleen Williams | 81 |
| 59.97 | Nancy Robinson | 77 |
| 60.00 | Carolyn Brinkley | 78 |
| 60.00 | Kathy Freeman | 81 |

HIGH JUMP

| | | |
|---------|--------------------|----|
| 6' 5½ | Pam Spencer | 81 |
| 6' 4¾ | Louise Ritter | 80 |
| 6' 4 | Coleen Reinstra | 80 |
| 6' 2¾ | Joni Huntley | 75 |
| 6' 2¼ | Paula Girven | 81 |
| 6' 2 | Phyllis Blunston | 81 |
| 6' 2 | Mary Moore | 81 |
| 6' 1¾ | Denise Daebelliehn | 80 |
| 6' 1¼ | Ann Bair | 81 |
| 6' 1 | Sharon Burrill | 78 |
| 6' 1 | Sue McNeal | 79 |
| 6' 1 | Carolyn Ford | 81 |
| 6' 0¾ | Cindy Gilbert | 80 |
| 6' 0¾ | Kym Carter | 81 |
| 6' 0½ | Maggie Garrison | 78 |
| 6' 0½ | Tonya Alston | 81 |
| 6' 0 | Marilyn Dubbs | 78 |
| 6' 0 | Sherri Felton | 78 |
| 6' 0 | Jane Frederick | 78 |
| 6' 0 | Jalene Chase | 79 |
| 6' 0 | Kim Harrell | 79 |
| 6' 0 | Kari Gosswiller | 80 |
| 6' 0 | Sue Lind | 80 |
| 6' 0 | Karen Lysaght | 80 |
| 6' 0 | Wendy Markham | 80 |
| 6' 0 | Sybil Reddick | 81 |
| 6' 0 | Shari Collins | 81 |
| 6' 0 | Anne Erpenbeck | 81 |
| 6' 0 | Julie Waters | 81 |
| 6' 0 | Kathy Raugust | 81 |
| 6' 0 | Yolanda Gibson | 81 |
| 5' 11½ | Patti Stafford | 81 |
| 5' 11½ | Denise Castambide | 81 |
| 5' 11½ | Bev Washington | 79 |
| 5' 11¼ | Patsy Walker | 79 |
| 5' 11¼ | Helena Foxworth | 80 |
| 5' 11¼ | Theresa Smith | 80 |
| 5' 11¼ | Yvonne Heinrich | 81 |
| 5' 11¼ | Mary Cragoe | 81 |
| 5' 11 | Eleanor Montgomery | 69 |
| 5' 11 | Susan Hackett | 74 |
| 5' 11 | Anne Gilliland | 77 |
| 5' 11 | Dale Wallace | 78 |
| 5' 11 | Carina Westover | 78 |
| 5' 11 | Julie Cosgrove | 78 |
| 5' 11 | Margaret Metcalf | 78 |
| 5' 11 | Connie Dorsey | 78 |
| 5' 11 | Kathy Hamilton | 79 |
| 5' 11 | Joan Brockhaus | 79 |
| 5' 11 | Fern Simon | 79 |
| 5' 11 | Karen Krawiec | 80 |
| 5' 11 | Melinda Morris | 80 |
| 5' 11 | Tamela Penny | 80 |
| 5' 11 | Cindy Grenier | 81 |
| 5' 11 | Debra Larson | 81 |
| 5' 11 | Ellie Hayden | 81 |
| 5' 11 | Katrena Johnson | 81 |
| 5' 11 | Maggie Van Zeeland | 81 |
| 22' 11¾ | Jodi Anderson | 80 |
| 22' 3 | Kathy McMillan | 76 |
| 21' 7¾ | Carol Lewis | 80 |
| 21' 7½ | Martha Watson | 74 |
| 21' 7½ | Sharron Walker | 76 |
| 21' 6¾ | Jane Frederick | 78 |
| 21' 6¾ | Pat Johnson | 80 |
| 21' 6 | Willye White | 64 |
| 21' 4 | Lorraine Ray | 81 |
| 21' 0 | Cornealia Jackson | 80 |
| 20' 11¾ | Vicki Betts | 76 |
| 20' 11¾ | Jackie Joyner | 81 |
| 20' 9¾ | Donna Thomas | 81 |
| 20' 9¾ | Evalene Hatcher | 81 |
| 20' 9¾ | Marilyn King | 76 |
| 20' 9¾ | Kim Attlessey | 72 |
| 20' 9¾ | Gwen Loud | 79 |
| 20' 9¾ | Sandy Myers | 81 |

LONG JUMP

| | | |
|-----------------|--------------------|----|
| 20' 8¾ | Marlene Harmon | 80 |
| 20' 8½ | Gayle Watkins | 81 |
| 20' 8¼ | Cheryl Butler | 74 |
| 20' 7¾ | Lanessa Jones | 80 |
| 20' 7¼ | Tammie Rucker | 79 |
| 20' 7 | Mary Ayers | 77 |
| 20' 7 | Debra Carson | 78 |
| 20' 6½ | Shari Fox | 80 |
| 20' 6½ | Becky Kaiser | 80 |
| 20' 6½ | Sandy Crabtree | 80 |
| 20' 6¼ | Veronica Bell | 81 |
| 20' 6 | Pat Winslow | 67 |
| 20' 6 | Judy Pollion | 79 |
| 20' 5¾ | Pam Donald | 81 |
| 20' 5 | Sheila Pettit | 77 |
| 20' 5 | Kim Brooks | 78 |
| 20' 4¾ | Princess Reese | 79 |
| 20' 4½ | Roxanne Keating | 78 |
| 20' 4½ | Carrie McLaughlin | 79 |
| 20' 4½ | Karen Taylor | 80 |
| 20' 4½ | Debra Melrose | 80 |
| 20' 4¼ | Ann Meachun | 81 |
| 20' 4 | Sabrina Douglas | 78 |
| 20' 4 | Agnes Bradley | 80 |
| 20' 4 | Mary Harrington | 81 |
| 20' 4 | Alice Bennett | 81 |
| 20' 3¾ | Cookie Fairley | 78 |
| 20' 3½ | Margaret Matthews | 58 |
| 20' 3½ | Amy Davis | 78 |
| 20' 3½ | Joni Huntley | 78 |
| 20' 3½ | Pat Miller | 80 |
| 20' 3½ | JoAnna Harper | 81 |
| SHOT PUT | | |
| 62' 7¾ | Maren Seidler | 79 |
| 56' 9½ | Lorna Griffin | 82 |
| 56' 8 | Ann Turbyne | 80 |
| 55' 5¾ | Denise Wood | 81 |
| 54' 9¾ | Earlene Brown | 60 |
| 54' 9 | Kathy Devine | 79 |
| 53' 5½ | Jan Svendsen | 72 |
| 53' 4¼ | Elaine Sobansky | 81 |
| 53' 1 | Lynn Graham | 71 |
| 53' 1 | Jane Frederick | 78 |
| 52' 11½ | Sandy Burke | 81 |
| 52' 4½ | Natalie Kaaiawahia | 81 |
| 52' 2 | Ramona Pagel | 81 |
| 52' 1½ | Marcia Mecklenberg | 79 |
| 52' 0½ | Carol Van Pelt | 78 |
| 51' 11¼ | Sue Thornton | 81 |
| 51' 8½ | Mary Jacobson | 79 |
| 51' 7 | Brenda Denny | 79 |
| 51' 6½ | Emily Dole | 78 |
| 51' 6¼ | Neni Davis | 81 |
| 51' 5½ | Lynne Winbigler | 77 |
| 51' 4 | Lynette Matthews | 71 |
| 51' 1½ | Jill Stenwall | 79 |
| 51' 1 | Kathy Picknell | 82 |
| 50' 10 | Cindy Reinhoudt | 73 |
| 50' 9½ | Melody Rose | 80 |
| 50' 6¼ | Annie McElroy | 82 |
| 49' 8¼ | Deanna Patrick | 77 |
| 49' 8 | Spillers | 81 |
| 49' 6½ | Sharon Hamilton | 81 |
| 49' 6½ | Peggy Pollock | 81 |
| 49' 5¾ | Cel Rutledge | 62 |
| 49' 5 | Heidi Kauti | 80 |
| 49' 4¾ | Carol Cady | 82 |
| 49' 3½ | Susie Ray | 81 |
| 49' 1 | Karen Marshall | 78 |
| 48' 11½ | Christy Tumberger | 77 |
| 48' 11½ | Ella Abercrombie | 79 |
| 48' 11 | Linda Langford | 75 |
| 48' 9 | Suzie Snyder | 73 |
| 48' 7½ | Kelly Curran | 80 |
| 48' 7 | Gail Koziara | 80 |
| 48' 6¾ | Jeanne Daniels | 79 |
| 48' 6 | Cynthia Wyatt | 62 |
| 48' 6 | Jo Beth Palmer | 80 |
| 48' 4¾ | Carrie Albano | 80 |
| 48' 4½ | Karen Wood | 81 |
| 48' 4¼ | Jenny Lempke | 81 |
| 48' 3½ | Sharon Shepherd | 63 |

DISCUS THROW

| | | |
|--------|--------------------|----|
| 207' 5 | Lorna Griffin | 80 |
| 189' 6 | Lynn Winbigler | 79 |
| 189' 0 | Olga Connolly | 72 |
| 187' 9 | Denise Wood | 81 |
| 183'11 | Leslie Deniz | 80 |
| 181' 7 | Helene Connell | 80 |
| 180'11 | Jan Svendsen | 76 |
| 178' 9 | Kathy Picknell | 81 |
| 178' 8 | Vivian Turner | 72 |
| 177' 7 | Laura Messner | 81 |
| 177' 2 | Gale Zaphiropoulos | 80 |
| 176'10 | Earlene Brown | 60 |
| 176' 0 | Linda Langford | 76 |
| 176' 0 | Lisa Vogelsang | 80 |
| 174' 6 | Carol Frost | 71 |
| 174' 0 | Julie Hanssen | 81 |
| 173'11 | Carol Cady | 81 |
| 173' 8 | Karen McDonald | 81 |
| 172'11 | Julie Cart | 81 |
| 172' 3 | Penny Neer | 81 |
| 171'10 | Monette Branson | 77 |
| 168' 4 | Julie Jones | 81 |
| 168' 3 | Karen Marshall | 77 |
| 167'11 | Leslie Hoerner | 81 |
| 167' 1 | Laura DeSnoo | 81 |
| 166' 6 | Victoria Gay | 81 |
| 166' 2 | Queena Beasley | 81 |
| 165'11 | Marcia Mecklenberg | 80 |
| 165' 9 | Terri Sabol | 75 |
| 165' 9 | Ramona Pagel | 81 |
| 165' 5 | Cindy Johnson | 81 |
| 165' 3 | Brenda Denny | 81 |
| 165' 0 | Pia Iacovo | 80 |
| 164' 9 | Vickilee Cobern | 81 |
| 163' 5 | Caryl Van Pelt | 80 |
| 163' 2 | Pat Harrington | 81 |
| 163' 0 | Linda Montgomery | 76 |
| 162'10 | Diane Pugh | 80 |
| 162'10 | Natalie Kaaiawahia | 81 |
| 162' 4 | Nadine Cox | 81 |

| | | |
|--------|-----------------|----|
| 162' 0 | Ranee Kletchka | 69 |
| 161' 3 | Pat Shaw | 81 |
| 161' 2 | Francine Kaylor | 81 |
| 161' 1 | Carol Finsrud | 78 |
| 160'10 | Robin Small | 79 |
| 160' 2 | Dana Olson | 81 |
| 160' 1 | Jackie Henry | 80 |
| 159' 9 | Jackie Wallace | 81 |
| 159' 7 | Lisha Lass | 80 |
| 159' 7 | Debbie Herman | 80 |

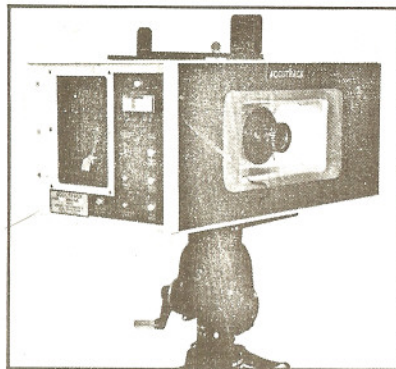
JAVELIN THROW (#=Non-sanctioned meet)

| | | |
|---------|-------------------|----|
| 227' 5 | Kate Schmidt | 78 |
| 212' 6 | Karin Smith | 80 |
| 207'11 | Sherry Calvert | 78 |
| 198' 8 | Barbara Friedrich | 67 |
| 196' 3 | Ranae Bair | 67 |
| 196' 1 | Cathy Sulinski | 76 |
| 192' 5 | Lynn Cannon | 77 |
| 189' 4 | Patty Kearney | 81 |
| 187' 8# | Marjorie Larney | 57 |
| 186' 8 | Celeste Wilkinson | 78 |

| | | |
|--------|-------------------|----|
| 186' 4 | Roberta Brown | 71 |
| 182' 4 | Lynda Hughes | 81 |
| 181' 3 | Mary Osborne | 80 |
| 179' 8 | Dana Olson | 81 |
| 178'10 | Louise Gerrish | 68 |
| 178' 3 | Jeanne Eggart | 79 |
| 177'10 | Sally Harmon | 81 |
| 175' 3 | Connie Gasson | 77 |
| 174' 7 | Danella Barnes | 82 |
| 174' 6 | Barbara Whitfield | 76 |
| 173'11 | Jacque Nelson | 80 |
| 173' 1 | Lynn Dunton | 80 |
| 172'10 | Teri Cooper | 81 |
| 172' 0 | Jean Sweeney | 71 |
| 170' 9 | Gloria Wilcox | 64 |
| 169'10 | Donna Dietrich | 78 |
| 169' 9 | Tonya Reigle | 79 |
| 169' 3 | Susan Armstrong | 73 |
| 168'11 | Renee Lambrecht | 79 |
| 168'11 | Nancy Raczka | 81 |
| 168'10 | Susie Norton | 75 |
| 168' 7 | Donna Mayhew | 81 |
| 168' 6 | Debbie Langevain | 73 |
| 168' 5 | Frances Davenport | 63 |
| 167' 9 | Pam Passera | 81 |
| 167' 8 | Nadine Bowers | 75 |
| 167' 4 | Keri Camarigg | 78 |
| 167' 4 | Deanna Carr | 80 |
| 166' 9 | Dedi Campbell | 81 |
| 166' 8 | Debbie Williams | 78 |
| 166' 1 | Karen Oldham | 60 |
| 165' 5 | Lotsy Hall | 76 |
| 165' 1 | Barbara Moro | 81 |
| 164' 7 | Jaime Gale | 79 |
| 164' 7 | Susie Ray | 81 |
| 164' 4 | Lurline Struppeck | 67 |
| 164' 4 | Marilyn Senz | 81 |
| 164' 2 | Lisa Kirk | 76 |
| 163' 8 | Tami Rose | 80 |
| 163' 2 | Julie Vobora | 81 |



DUAL ACCURACY.

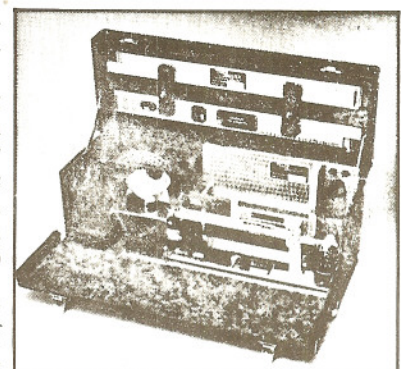


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SOME OF OUR BEST SHOES ARE ON THE WORST SELLER LIST.

It's a curse we have to live with. Unless, of course, some 30 million folks wake up tomorrow and start throwing the javelin.

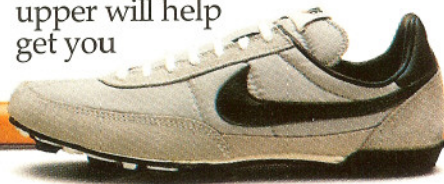
That's about the only way these specialty track and field shoes can get the recognition they deserve. Better make that—the sales they deserve.

Because we consider an American record in the triple jump, or a world record for the discus, and a world best at sea level in the long jump... little things like that... to be recognition enough.

If we didn't, we wouldn't invest so much time and technology in a bunch of off-beat shoes. We certainly wouldn't waste money advertising them.

We do. And that's enough of that. Now, for the infamous Nike Seven:

1. PV 19. The whole point of this shoe is to give pole vaulters a stable jumping platform. And do it with a minimum of weight. The two-color jumping/running spike plate and reinforced nylon upper will help get you



up there. Getting down is your problem.

2. SD 73. Never was fit so critical. When you're throwing the shot, or the discus, you want the foot held firmly back in the shoe during



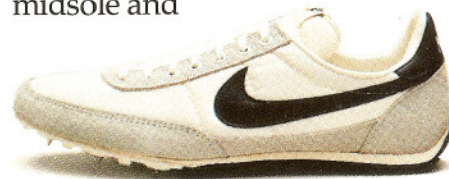
the powerful turning and lifting phases. That's why the criss-cross straps. You also want a non-stretch nylon upper for lightness and durability. A wrapped, textured outsole for excellent traction. And wear. On any ring surface.

3. HJ 8. Floppers and straddlers have one thing in common. Namely, the need for superior spring and lift. Here it is, with a full length, one-piece spike plate, good for either style. Plus pyramid rubber outsole for



better traction. And a nice snug fit. The HJ 8 also comes with matching non-jumping shoe.

4. TJ 60. It's three shoes in one, actually. With both midsole and



outsole wrapped-up at the heel, so triple jumpers can take advantage of its unique "rocker" effect. Reinforced with suede side panels. Metal eyelets for longer shoe life. Impressive, three times over.

5. LJ 29. True, you don't have to be a world-class long jumper to feel the extra



traction and lift that come from this six hole spike plate. But it helps. Built for extended flight,

the LJ 29 not only has suede side panels for stability and strength, but an extra nylon panel to protect the toe area during take-off.

6. J 300. The serious javelin thrower wants that foot to stick securely in the boot.



Thus the lateral support strap. You also want it to stick in the ground. So the J 300 comes with six spike holes in the forefoot, four in the rear. About the only thing that won't stick is the toe, thanks to a hefty wrap-around guard.

7. El Viento. Built for one of the true minority groups, the El Viento gives race walkers a unique midsole and wedge arrangement to cushion and stabilize the foot. A beveled heel allows for smoother



heel strike. Plus longer wear to the Anatomical Outsole.™

You have to wear these shoes to appreciate them. That's easier said than done, however. While they may be the most sophisticated models on the market, most places don't want anything to do with them. Which is nice. Because when it comes time for you to buy shoes, it always helps to know who your friends are.

